

# MONA OFFSHORE WIND PROJECT

## Environmental Statement

### Volume 5, Annex 5.1: Cumulative effects screening matrix

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Image of an offshore wind farm

## MONA OFFSHORE WIND PROJECT

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Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
F01	Application	RPS	Mona Offshore Wind Ltd	Mona Offshore Wind Ltd	Feb 2024
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## MONA OFFSHORE WIND PROJECT

### Deadline 7 Changes

This document has been updated at Deadline 7 of the Mona Offshore Wind Project examination in order to reflect the change to the Order Limits, forming the Change Request, which was accepted by the Examining Authority on 19 December 2024.

The following figures have been updated to reflect the updated onshore red line boundary change:

- Figure 1.20: NSIPs and DNSs located within 50 km of the Mona Array Area.
- Figure 1.21: NSIPs and DNSs located within 10 km of the Mona Onshore Substation indicative footprint.
- Figure 1.22: NSIPs and DNSs located within 1 km of the Mona Onshore Development Area.
- Figure 1.23: Other existing infrastructure identified during the Section 42 consultation process.
- Figure 1.24: Major developments located within 50 km of the Mona Onshore Development Area.
- Figure 1.25: Major developments located within 10 km of the Mona Onshore Substation indicative footprint.
- Figure 1.26: Major developments located within 1 km of the Mona Onshore Development Area.

### Errata

Document section	Description of errata
Section 1.9	The screening for Commercial Fisheries for the Dublin Array Offshore Wind Farm is incorrectly listed as 'a' whereas it should be 'c'.

## Contents

<b>1</b>	<b>CUMULATIVE EFFECTS SCREENING MATRIX .....</b>	<b>1</b>
1.1	Introduction .....	1
1.2	Collating the offshore CEA long list .....	2
1.2.1	Data sources .....	2
1.2.2	Search areas .....	2
1.3	Collating the onshore CEA long list .....	3
1.4	Data confidence assessment .....	6
1.5	Screening .....	6
1.6	Offshore cumulative effects matrix – aggregate and disposal – temporal .....	8
1.7	Offshore cumulative effects matrix – aggregate and disposal – spatial .....	22
1.8	Offshore cumulative effects matrix – offshore renewable energy – temporal .....	32
1.9	Offshore cumulative effects matrix – offshore renewable energy – spatial .....	103
1.10	Offshore cumulative effects matrix – commercial fisheries – temporal .....	148
1.11	Offshore cumulative effects matrix – commercial fisheries – spatial .....	160
1.12	Offshore cumulative effects matrix – oil and gas – temporal .....	172
1.13	Offshore cumulative effects matrix – oil and gas – spatial .....	182
1.14	Offshore cumulative effects matrix – cables and pipelines – temporal .....	190
1.15	Offshore cumulative effects matrix – cables and pipelines – spatial .....	207
1.16	Offshore cumulative effects matrix – shipping and navigation – temporal .....	219
1.17	Offshore cumulative effects matrix – shipping and navigation – spatial .....	235
1.18	Offshore cumulative effects matrix – military, aviation and radar – temporal .....	245
1.19	Offshore cumulative effects matrix – military, aviation and radar – spatial .....	249
1.20	Offshore cumulative effects matrix – coastal – temporal .....	254
1.21	Offshore cumulative effects matrix – coastal – spatial .....	289
1.22	Onshore cumulative effects matrix – offshore and onshore wind farms – temporal .....	303
1.23	Onshore cumulative effects matrix – offshore and onshore wind farms and cables – spatial ..	316
1.24	Onshore cumulative effects matrix – NSIPs, DNS and other existing infrastructure – temporal	328
1.25	Onshore cumulative effects matrix – NSIPs, DNS and other existing infrastructure – spatial ..	333
1.26	Onshore cumulative effects matrix – Major Developments – temporal .....	339
1.27	Onshore cumulative effects matrix – Major Developments – spatial .....	463
1.28	References .....	520

## Tables

Table 1.1:	CEA offshore search area extents .....	2
Table 1.2:	CEA onshore search area extents .....	4

## Figures

Figure 1.1:	Aggregate and disposal projects, plans and activities considered in the Mona Offshore Wind Project CEA. ....	30
Figure 1.2:	Aggregate and disposal projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea) .....	31
Figure 1.3:	Offshore renewable energy projects, plans and activities considered in the Mona Offshore Wind Project CEA. ....	146
Figure 1.4:	Offshore renewable energy projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea) .....	147
Figure 1.5:	Commercial fisheries projects, plans and activities considered in the Mona Offshore Wind Project CEA. ....	170
Figure 1.6:	Commercial fisheries projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea) .....	171



## MONA OFFSHORE WIND PROJECT

Figure 1.7: Oil and gas projects, plans and activities considered in the Mona Offshore Wind Project CEA.	188
Figure 1.8: Oil and gas projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).	189
Figure 1.9: Cable and pipeline projects, plans and activities considered in the Mona Offshore Wind Project CEA.	217
Figure 1.10: Cable and pipeline projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).	218
Figure 1.11: Shipping and navigation projects, plans and activities considered in the Mona Offshore Wind Project CEA.	243
Figure 1.12: Shipping and navigation projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).	244
Figure 1.13: Military, aviation and radar projects, plans and activities considered in the Mona Offshore Wind Project CEA.	252
Figure 1.14: Military, aviation and radar projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).	253
Figure 1.15: Coastal projects, plans and activities considered in the Mona Offshore Wind Project CEA.	301
Figure 1.16: Coastal projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).	302
Figure 1.17: Existing offshore wind farms located within 100 km of the Mona Array Area.	325
Figure 1.18: Existing or proposed onshore wind farms located within 85 km of the Mona Array Area.	326
Figure 1.19: Existing or proposed onshore wind farms located within 45 km of the Mona Onshore Substation indicative footprint.	327
Figure 1.20: NSIPs and DNSs located within 50 km of the Mona Array Area.	335
Figure 1.21: NSIPs and DNSs located within 10 km of the Mona Onshore Substation indicative footprint.	336
Figure 1.22: NSIPs and DNSs located within 1 km of the Mona Onshore Development Area.	337
Figure 1.23: Other existing infrastructure identified during the Section 42 consultation process.	338
Figure 1.24: Major developments located within 50 km of the Mona Onshore Development Area.	517
Figure 1.25: Major developments located within 10 km of the Mona Onshore Substation indicative footprint.	518
Figure 1.26: Major developments located within 1 km of the Mona Onshore Development Area.	519

## MONA OFFSHORE WIND PROJECT

### Glossary

Term	Meaning
Cumulative effect	A combined effect of the Mona Offshore Wind Project acting cumulatively with the effects of a number of different projects, on the same single receptor/resource.
Cumulative impact	Impacts that result from changes caused by other past, present or reasonably foreseeable actions together with the Mona Offshore Wind Project.

### Acronyms

Acronym	Description
AtN	Aid to Navigation
CEA	Cumulative Effects Assessment
DAERA	Department of Agriculture, Environment and Rural Affairs
EMODnet	European Marine Observation and Data Network
GHG	Greenhouse Gas
IMO	International Maritime Organization
MHWS	Mean High Water Springs
MLWS	Mean Low Water Springs
MMO	Marine Management Organisation
MOD	Ministry of Defence
NATS	National Air Traffic Services
NRW	Natural Resources Wales
NSTA	North Sea Transition Authority
PEIR	Preliminary Environmental Information Report
PEXA	Practice and Exercise Area
TCE	The Crown Estate
UKCS	UK Continental Shelf
UXO	Unexploded Ordnance
VTS	Vessel Traffic Services

### Units

Unit	Description
mm	Millimetre
m	Metre
m <sup>3</sup>	Cubic metre
km	Kilometre

## MONA OFFSHORE WIND PROJECT

Unit	Description
km <sup>2</sup>	Square kilometre
kW	Kilowatt
kV	Kilovolt
MW	Megawatt
GW	Gigawatt
GWh	Gigawatt hour
TWh	Terawatt hour

# 1 Cumulative effects screening matrix

## 1.1 Introduction

- 1.1.1.1 The cumulative effects screening matrix sets out the long list of relevant projects, plans and activities with which the Mona Offshore Wind Project may interact to produce a cumulative effect.
- 1.1.1.2 The screening matrix underpins the Cumulative Effects Assessment (CEA) for the Mona Offshore Wind Project with individual screening undertaken for each topic within the Environmental Statement. This screening identifies the projects, plans and activities where there is potential for a cumulative effect on the identified topic receptors.
- 1.1.1.3 The screening matrix is presented within this annex and is presented to show where there is a spatial or temporal overlap with the Mona Offshore Wind Project.
- 1.1.1.4 It is recognised that the projects, plans and activities identified within the screening matrix are continually evolving along their individual programs. The Planning Inspectorate therefore advises that a cut off date should be identified so that the assessment can be finalised before submission. This is set out within Advice Note Seventeen, which states that *'It is understood that applicants are required to stop assessment work at a particular point in time in order to be able to finalise and submit an application. The applicant should state any assessment cut-off date'* (Planning Inspectorate, 2019).
- 1.1.1.5 In accordance with the Planning Inspectorate advice the CEA long list submitted at application was finalised three months before submission of the Environmental Statement (on 21 November 2023).
- 1.1.1.6 This document has been further updated at Deadline 3 in response to the Examining Authority's Written Questions (ExQ1) Question 1.0.1. This update presents the results of an update to the CEA long list, which has identified changes to existing projects, plans and activities on the CEA long list as well as additional projects, plans and activities identified since November 2023. The review has been completed based on information made publicly available on project or government websites published up to 23 September 2024.
- 1.1.1.7 At Deadline 3, the Applicant has also undertaken a Review of Cumulative Effects Assessment and In-Combination Assessment (S\_D3\_18), which presents a review of all new information identified through the update to the cumulative effects screening matrix up to 23 September 2024, and considers if the new information has the potential to alter the conclusions of the CEA and in-combination assessment. All new project information identified within the update to this document has been screened in accordance with the methodology presented within section 1.2.3 of the Review of Cumulative Effects Assessment and In-Combination Assessment (S\_D3\_18). Therefore several new or updated projects identified within this document are not listed within the shortlisted projects presented within tables 1.1 and 1.2 of the Review of Cumulative Effects Assessment and In-Combination Assessment (S\_D3\_18) as, following that methodology, they have been screened out.
- 1.1.1.8 For completeness, the update to this document has also included some additional operational projects which were identified through reviews of cumulative assessments as presented within application documents published by other projects. It should be noted that none of these additional existing operational projects have been screened

## MONA OFFSHORE WIND PROJECT

into the CEA review, following the above mentioned methodology, and thus did not have the potential to influence the results of the CEA.

## 1.2 Collating the offshore CEA long list

### 1.2.1 Data sources

1.2.1.1 The projects, plans and activities for the CEA long list seaward of Mean High Water Springs (MHWS) were identified within search areas as defined in Table 1.1 and through a desktop interrogation the following data sources:

- The Crown Estate (TCE)
- The Planning Inspectorate National Infrastructure Planning
- Marine Scotland
- Crown Estate Scotland
- The Welsh Marine Planning Portal
- Natural Resources Wales (NRW)
- Irish Government
- Irish Environmental Protection Agency
- An Bord Pleanála
- The Department of Agriculture, Environment and Rural Affairs (DAERA)
- European Marine Observation and Data Network (EMODnet) data
- CEFAS
- The Marine Management Organisation (MMO)
- KIS-ORCA
- Oceanwise
- 4C Offshore
- The North Sea Transition Authority (NSTA)
- National Air Traffic Services (NATS)
- Developers and project proponents.

### 1.2.2 Search areas

1.2.2.1 The CEA search area extents identified in Table 1.1 and Table 1.2 were defined based upon the extent over which cumulative effects are likely to occur. These search areas were presented within the Preliminary Environmental Information Report (PEIR) and consulted on as part of the Section 42 consultation in April to June 2023.

**Table 1.1: CEA offshore search area extents.**

Project, plan and activity type	CEA search area extent	Justification
Aggregate and disposal including dredging	Up to 137 km from the Mona Array Area and Mona Offshore Cable Corridor and Access Areas.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 6: Commercial



## MONA OFFSHORE WIND PROJECT

Project, plan and activity type	CEA search area extent	Justification
		fisheries of the Environmental Statement (Document Reference: F2.6).
Offshore energy including site investigations, Unexploded Ordnance (UXO) clearance, carbon capture and storage	Up to 509 km from the Mona Array Area and the Mona Offshore Cable Corridor and Access Areas, all energy developments in UK and Irish waters	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 5: Offshore ornithology of the Environmental Statement (Document Reference: F2.5).
Commercial fisheries including aquaculture	Up to 200 km from the Mona Array Area and Mona Offshore Cable Corridor and Access Areas.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 7: Shipping and navigation of the Environmental Statement (Document Reference: F2.7).
Oil and gas	Up to 200 km from the Mona Array Area and Mona Offshore Cable Corridor and Access Areas.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 7: Shipping and navigation of the Environmental Statement (Document Reference: F2.7).
Cables and pipelines	Up to 137 km from the Mona Array Area and Mona Offshore Cable Corridor and Access Areas.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 6: Commercial fisheries of the Environmental Statement (Document Reference: F2.6).
Shipping including Aids to Navigation (AtNs), anchorages, pilot boarding stations, Vessel Traffic Services (VTS) areas, International Maritime Organization (IMO) routing schemes	Up to 200 km from the Mona Array Area and Mona Offshore Cable Corridor and Access Areas.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 7: Shipping and navigation of the Environmental Statement (Document Reference: F2.7).
Military, aviation and radar including Ministry of Defence (MOD) Practice and Exercise Areas (PEXAs)	Up to 200 km from the Mona Array Area and Mona Offshore Cable Corridor and Access Areas.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 7: Shipping and navigation of the Environmental Statement (Document Reference: F2.7).
Coastal marine licences	Up to 200 km from the Mona Array Area and Mona Offshore Cable Corridor and Access Areas.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 7: Shipping and navigation of the Environmental Statement (Document Reference: F2.7).

## 1.3 Collating the onshore CEA long list

1.3.1.1 The projects, plans and activities for the CEA long list landward of Mean Low Water Springs (MLWS) were identified within search areas as defined in and through a desktop interrogation of the following data sources:

- Conwy County Borough Council

## MONA OFFSHORE WIND PROJECT

- Denbighshire County Council
- Flintshire County Council
- TCE
- The Planning Inspectorate National Infrastructure Planning
- UK Government
- Welsh Government
- Developers and project proponents.

**Table 1.2: CEA onshore search area extents.**

Topic	CEA search area extent	Justification
Geology and ground conditions	Up to 1 km from the Mona Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 1: Geology, hydrogeology and ground conditions of the Environmental Statement (Document Reference: F3.1).
Hydrology and flood risk	Up to 1 km from the Mona Proposed Substations (Options 2 and 7) and 250 m from the Mona Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 2: Hydrology and flood risk of the Environmental Statement (Document Reference: F3.2).
Onshore ecology	Up to 1 km from the Mona Onshore Development Area. As explained in Volume 3, Chapter 3: Onshore ecology of the Environmental Statement, this is likely to increase following submission of the Environmental Statement.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 3: Onshore ecology of the Environmental Statement (Document Reference: F3.3).
Historic environment	Up to 1 km from the Mona Onshore Development Area and 5 km of the Mona Proposed Substations (Options 2 and 7).	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 5: Historic environment of the Environmental Statement (Document Reference: F3.5).
Land use and recreation	Up to 1 km from the Mona Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 7: Land use and recreation of the Environmental Statement (Document Reference: F3.7).

## MONA OFFSHORE WIND PROJECT

Topic	CEA search area extent	Justification
Traffic and transport	Up to 1 km from the Mona Onshore Development Area. Other proposed developments were only considered where details regarding the timing of construction, operations and maintenance and decommissioning phases were available and a Transport Assessment/Statement were provided within existing planning documentation.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 8: Traffic and transport of the Environmental Statement (Document Reference: F3.8).
Noise and vibration	Up to 1 km from the Mona Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 9: Noise and vibration of the Environmental Statement (Document Reference: F3.9).
Air quality	Up to 700 m from the Mona Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 10: Air quality of the Environmental Statement (Document Reference: F3.10).
Onshore and intertidal ornithology	Up to 1 km from the Mona Onshore Development Area. As explained in Volume 3, Chapter 10: Onshore and intertidal ornithology of the Environmental Statement, this is likely to increase following submission of the Environmental Statement.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 4: Onshore and intertidal ornithology of the Environmental Statement (Document Reference: F3.4).
Seascape, Landscape and Visual Impact Assessment (SLVIA) (Offshore)	The operational/proposed onshore windfarm falls within 85 km of the Mona Array Area.  As to avoid duplication, for operational/proposed onshore windfarms within 100 km of the Mona Array Area, please refer to the offshore screening matrix.	This comprises the maximum distance within which offshore projects, plans and activities were considered for the CEA presented in Volume 2, Chapter 8: Seascape and Visual Resources of the Environmental Statement (Document Reference: F2.8).
SLVIA (onshore)	The operational/proposed onshore windfarm falls within 35 km of the Mona Onshore Substation.  The other proposed development falls within 10 km of the Mona Onshore Substation.	This comprises the maximum distance within which onshore projects, plans and activities were considered for the CEA presented in Volume 3, Chapter 6: Landscape and Visual Resources of the Environmental Statement (Document Reference: F3.6).

## MONA OFFSHORE WIND PROJECT

Topic	CEA search area extent	Justification
Socio-economics	Offshore renewables located within the Irish Sea which could utilise same ports as the Mona Offshore Wind Project. As to avoid duplication, for all other offshore renewables considered with respect to socio-economics, please refer to the offshore screening matrix.	This comprises the maximum distance within which onshore projects, plans and activities were considered for the CEA presented in Volume 4, Chapter 3: Socio-economics of the Environmental Statement (Document Reference: F4.3).

## 1.4 Data confidence assessment

1.4.1.1 The level of publicly available data for each project, plan and activity included in the CEA long list will be different and dependent on the development stage of the project, plan and activity. Planning Inspectorate Advice Note Seventeen recommends that '*a level of certainty, reflecting the availability of detail and information necessary for the assessment, is assigned to each development and recorded*' (Planning Inspectorate, 2019). A data confidence assessment has been assigned to each project, plan and activity in the CEA long list and is presented in each cumulative effects screening matrix below. The data confidence categories and definitions are follows:

- High – Data has been obtained from the developer's website or a consenting authority's portal
- Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal
- Low – There is a lack of robust data and information in the public domain which is outwith the Applicant's control.

## 1.5 Screening

1.5.1.1 Once the CEA long list was collated, all of the included projects, plans and activities were then individually screened with specific reference to each topic of the Environmental Statement. This screening was carried out based on the level of detail available as well as the potential for interactions with the Mona Offshore Wind Project on a conceptual, physical and temporal basis. Those that were screened in were then carried forward into the CEA undertaken in the relevant topic chapters of the Environmental Statement.

1.5.1.2 Specifically, projects, plans and activities were screened on a topic-specific basis as follows:

- Screened into the assessment because:
  - There is a potential for a cumulative effect to exist due to a conceptual, physical or temporal (or some combination thereof) overlap between the project, plan or activity and the Mona Offshore Wind Project
  - The project, plan or activity was considered as part of the baseline but has an ongoing impact which has the potential to interact with the Mona Offshore Wind Project.
- Screened out of the assessment because:

## MONA OFFSHORE WIND PROJECT

- The project, plan or activity was included as part of the topic baseline
- There is no conceptual or physical effect-receptor pathway between the project, plan or activity and the Mona Offshore Wind Project
- There is low data availability regarding the project, plan or activity, where the data available is not sufficient to undertake a CEA
- There is no temporal overlap between the project, plan or activity and the Mona Offshore Wind Project. However, it should be noted that projects, plans or activities are not screened out automatically based on there being no direct temporal overlap (e.g. activities from other projects, plans and activities occurring immediately prior to the Mona Offshore Wind Project) due to the potential for some receptors to be cumulatively effected by repeat impacts across consecutive years.

1.5.1.3 Further information on the screening undertaken is presented in Volume 1, Chapter 5: Environmental Impact Assessment methodology of the Environmental Statement (Document Reference: F1.5).

1.5.1.4 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. Consequently, cumulative effects due to other specific local development projects were not individually considered for the climate change topic. Further information on the CEA undertaken for climate change are presented in Volume 4, Chapter 2: Climate change of the Environmental Statement (Document Reference: F4.2).

1.5.1.5 The CEA for the human health topic was based on outputs from the other topic chapters. Therefore, projects were not screened specifically for that topic and do not appear as a separate column in the screening matrices below. Further information on the assessments relied upon for the human health CEA are presented in Volume 4, Chapter 4: Human health assessment of the Environmental Assessment (Document Reference: F4.4).



## MONA OFFSHORE WIND PROJECT

### 1.6 Offshore cumulative effects matrix – aggregate and disposal – temporal

1.6.1.1 The following aggregate and disposal projects, plans and activities are shown in Figure 1.1 and Figure 1.2.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Annual Maintenance Dredging Peel Harbour Isle of Man	EMODnet	High	Capital harbour dredging and maintenance dredging extracting 400,000 m³ annually.	Operational													
Bar/Wedge - Derwent OSPAR area	Marine Management Organisation	High	Port of Workington Maintenance Dredging MLA/2019/00168.	Operational													
Castletown Bay Harbour dredging	IoM Government	High	Castletown outer harbour and channel are not dredged - Part of Millrace River within the Harbour limits is dredged every 3 years - sediment is	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			removed to a licensed site on Island (i.e. Turkeyland).														
Catchpit – Port of Workington Maintenance Dredging	Marine Management Organisation	High	Port of Workington Maintenance Dredging MLA/2019/00168.	Submitted but not yet determined													
Channel - Derwent OSPAR area	Marine Management Organisation	High	Port of Workington Maintenance Dredging MLA/2019/00168.	Operational													
Conwy River – Maintenance Harbour Dredging	EMODnet	Medium	Maintenance harbour dredging. Extracted amount: 2,813 tonnes.	Operational													
Cross Beck Outfall – Cumbria – Maintenance Dredging	Marine Management Organisation	High	Port of Workington Maintenance Dredging MLA/2019/00168.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Dee River – Maintenance Dredging	EMODnet	Medium	Maintenance Dredging. Extracted amount: 321,693 tonnes. Sea disposal.	Operational													
Disposal of dredged material from Kilkeel Harbour	DAERA	High	Sea Disposal Licence for works in Kilkeel Harbour. The vessel to be used is a hopper dredger with bottom door discharge. Quantity for disposal within the period of this licence is up to 49,999 metric tonnes.	Operational													
Disposal of Glasson Dock Maintenance Dredging	Marine Management Organisation	High	Maintenance dredging of silt in the enclosed dock at Glasson, using Grab and Hopper Barge or Grab Hopper Dredger, and disposal of dredged silt at the existing disposal site in the Lune Estuary. Dredging of up to 9,999 m³ per year.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Disposal of maintenance dredge from nav channels & berths in Fleetwood SHA	Marine Management Organisation	High	Disposal of maintenance dredged material to maintain the navigational channel, docks and berths within ABP Fleetwood Statutory Harbour Authority Limits. Disposal at Morecambe Bay Lune deep of up to 70,000 m³ per year.	Operational													
Douglas Harbour dredging	IoM Government	High	Douglas outer harbour, basin and fairway are plough dredged annually, normally in January/February. The inner harbour/marina is also dredged annually, and silt is deposited at a licensed site off Douglas Head. Possible dredging works landward off the Fort Anne as part of the RNLI relocation project, no scope of works or dates confirmed. Also possible dredging works on existing RNLI site for possible windfarm deployments, again, no scope of works, design or dates confirmed.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Heysham 1 & 2 dredging activities	Marine Management Organisation	High	Maintenance at cooling water outflows for nuclear power station. The amount that may need to be removed is approximately 75,000 m³/ year (105,000 dry tonnes/140,000 wet tonnes).	Operational													
Heysham 1 Power Station	Marine Management Organisation	High	Heysham nuclear power station is operated by EDF Energy in Heysham, Lancashire, England. The site is divided into two separately managed nuclear power stations, Heysham 1 and Heysham 2, both with two reactors of the advanced gas-cooled reactor type.	Operational													
Heysham Harbour and Approaches Maintenance Disposal License	Marine Management Organisation	High	10 renewal of maintenance disposal licenses for the approaches and harbour of Heysham Port. Dredging at Heysham harbour up to 356,714 m³ of sand and 235,058 m³ of silt. Dredging at the Heysham approaches up	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			to 293,764 m <sup>3</sup> of sand. Disposal of silt and sand.														
Hilbre Swash–Aggregates Site Agreement	The Crown Estate	High	Aggregates site agreements. Area: 21.8 km <sup>2</sup> .	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Liverpool 2 and River Mersey Approach Channel Dredging	Marine Management Organisation	High	Marine licence for a new ferry terminal and associated infrastructure. Infill of dock area of 20,000 m³ for West waterloo dock and 4,000 m³ for Princes half-tide dock. Installation of linkspan bridge and floating pontoon. Installation of passenger access system. Berthing dolphin (including access walkway & pile). Installation of retaining wall structure. Partial removal of West Waterloo Dock gate. General repairs and maintenance to dock walls. Disposal of dredge material.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence	Natural England	Medium	Westminster Gravels will be renewing their aggregate extraction licence in Area 457 in Liverpool Bay, previously issued in May 2008 for 15 years. Their Environmental Statement is planned to be submitted in 2024.	Pre-application													
Liverpool Bay – Aggregates Site Agreement	The Crown Estate	High	The Crown Estate area number: 1808 - Aggregates site agreements. Area: 64.8 km <sup>2</sup> .	Operational													
Liverpool Bay – Aggregates Site Agreement	The Crown Estate	High	The Crown Estate area number: 457 - Aggregates site agreements. Area: 13.9 km <sup>2</sup> .	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Liverpool Docks Maintenance Disposal	Marine Management Organisation	High	Disposal of maintenance dredge material for the Mersey estuary. Disposal of up to 36,000 m³ for Seaforth dock, 240,000 m³ for Canada dock, 102,000 m³ for Gladstone dock, 18,000 m³ for Langton dock, 15,000 m³ for Sandon dock. Dredging of 200,000 m³ at Seaforth dock, 80,000 m³ at Birkenhead east float, 200,000 m³ at Canada Dock, 30,000 m³ at Huskisson dock, 50,000 m³ at Langton dock, 15,000 m³ at Sandon dock, 850,000 m³ at Gladstone dock.	Operational													
Liverpool Marina Maintenance Dredging - Sustainable Relocation of Dredged Material to	Marine Management Organisation	High	Maintenance dredging for the Brunswick and Coburg dock. Dredging of up to 98,000 m³.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
the River Mersey																	
Luce Bay disposal site	EMODnet	Medium	Disposal of dredge material at Luce Bay.	Operational													
Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks 1	Marine Management Organisation	High	Dredging to maintain navigation depths required for the approach channel at Garston Docks. Dredging of the approach channel up to 171,87 m³ per year. Dredging in the dock up to 63,461 m³ per year. Disposal of up to 355,000 m³ per year.	Operational													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Mersey Channel and River Maintenance Dredge Disposal Renewal	Marine Management Organisation	High	This licence is for the disposal only of that material to four designated disposal sites: Mersey Mid river (IS120) 1,500,000 m³, Mersey of Bromborough 2 (IS128) 8,000,000m³, Site Z (IS140) 21,000,000 m³ and 1,350,000 m³, Site Y (IS150).47,500,000 m³ and 1,350,000 m³.	Operational													
Mostyn Maintenance dredging	Welsh Marine Planning Portal	High	Dredge and/or disposal. 2,700,000 m3 per year.	Operational													
Port of Barrow maintenance dredging disposal licence	Marine Management Organisation	High	Dredging is required to maintain the Port of Barrow and its approach channel at its advertised navigational depth for all vessels entering and leaving the port and in particular to allow the nuclear-powered submarines which are constructed in Barrow to safely leave the port.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Port of Workington Maintenance Dredging	Marine Management Organisation	High	Dredging to maintain navigation depths required for the Port of Workington. Dredging within the dock up to 66,000 m³. Dredging of the Turning Basin up to 700,000 m³. Dredging of the channel up to 800,000 m³. Dredging of the bar/wedge up to 850,000 m³. Disposal at Solway firth up to 153,000 m³ per year, Disposal at Workington Anchorage up to 1,080,000 m³ per year. Dredging of catchpit up to 50,000 m³.	Operational													
Ribble Link Dredging	Marine Management Organisation	High	Maintenance dredging along the Ribble Link Canal. Dredging of up to 30,000 m³.	Operational													
Ribble River – Maintenance Dredging Disposal	EMODnet	Medium	Maintenance Harbour Dredging. Sea disposal.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
RNLI Regional Infrastructure Maintenance	Welsh Marine Planning Portal	High	Regional marine licence to undertake low impact maintenance works to RNLI operated lifeboat stations and associated slipways, berths, and other infrastructure, and to RNLI beach lifeguard units and infrastructure.	Operational													
Silloth Dredge Licence Renewal	Marine Management Organisation	High	Dredging and disposal at the Port of Silloth. Dredging of up to 90,000 m³.	Operational													
Solway Firth Maintenance Dredging Sea Disposal	EMODnet	Medium	Maintenance Dredging. Sea disposal.	Operational													
West of Duddon Sands Pontoon Dredging Marine Licence	Marine Management Organisation	High	Sedimentation can cause the pontoon edge adjacent to the harbour wall to be raised during spring low tides. The scope of the marine licence application covers dredging which will be required annually based on the current observed rates of accumulation.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
West of Duddon Sands Pontoon Dredging Marine Licence	Marine Management Organisation	High	Maintenance dredging up to 12,520 m <sup>3</sup> .	Operational													
Wyre River Maintenance Dredging Sea Disposal	EMODnet	Medium	Maintenance dredging. Sea disposal.	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.7 Offshore cumulative effects matrix – aggregate and disposal – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Annual Maintenance Dredging Peel Harbour Isle of Man	59.7	82.1	d	d	d	d	d	d	a	d	d	d	d	d	a
Bar/Wedge - Derwent OSPAR area	96.9	118.1	d	d	d	d	d	a	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Castletown Bay Harbour dredging	49.8	64.9	d	d	c	d	d	d	d	d	d	d	d	d	a
Catchpit – Port of Workington Maintenance Dredging	96.7	117.9	d	d	d	d	d	d	d	d	d	d	d	d	a
Channel -Derwent OSPAR area	96.7	117.9	d	d	d	d	d	d	d	d	d	d	d	d	a
Conwy River – Maintenance Harbour Dredging	35.2	7.7	c	c	c	d	d	d	a	d	d	d	d	d	a
Cross Beck Outfall – Cumbria – Maintenance Dredging	67.9	134.5	d	d	d	d	d	d	d	d	d	d	d	d	a
Dee River – Maintenance Dredging	51.3	26.7	d	c	c	d	d	d	a	d	c	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Disposal of dredged material from Kilkeel Harbour	122.3	131.5	d	d	d	d	d	d	d	d	d	d	d	d	a
Disposal of Glasson Dock Maintenance Dredging	69.1	76.1	d	d	d	d	d	a	a	d	d	d	d	d	a
Disposal of maintenance dredge from nav channels & berths in Fleetwood SHA	54.1	61.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Douglas Harbour dredging	47.1	65.0	d	d	c	d	d	d	e	d	d	d	d	d	a
Heysham 1 & 2 dredging activities	67.7	66.5	d	d	d	d	d	d	a	d	d	d	d	d	a
Heysham 1 Power Station	113.9	75.8	d	d	d	d	d	d	f	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Heysham Harbour and Approaches Maintenance Disposal License	67.5	66.7	d	d	d	d	d	a	a	d	d	d	d	d	a
Hilbre Swash–Aggregates Site Agreement	22.4	17.2	c	c	c	d	d	d	a	d	c	d	d	d	a
Liverpool 2 and River Mersey Approach Channel Dredging	22.1	22.4	d	c	c	d	d	d	a	d	c	d	d	d	a
Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence	11.0	11.0	c	c	c	d	d	d	c	d	d	d	d	d	d
Liverpool Bay – Aggregates Site Agreement	20.2	20.1	f	f	f	d	d	d	a	d	c	d	d	d	a
Liverpool Bay – Aggregates Site Agreement	11.0	11.7	d	c	f	d	d	d	a	d	c	d	d	d	a



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Liverpool Docks Maintenance Disposal	33.3	33.7	d	f	f	d	d	a	f	d	d	d	d	d	a
Liverpool Marina Maintenance Dredging - Sustainable Relocation of Dredged Material to the River Mersey	59.5	42.0	d	c	c	d	d	a	a	d	c	d	d	d	a
Luce Bay disposal site	126.8	148.0	d	d	d	d	d	a	d	d	d	d	d	d	a
Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks 1	55.8	45.6	d	d	d	d	d	a	f	d	c	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Mersey Channel and River Maintenance Dredge Disposal Renewal	22.1	22.5	d	c	c	d	d	d	a	d	c	d	d	d	a
Mostyn Maintenance dredging	47.6	21.9	d	f	f	d	d	a	f	d	c	d	d	d	a
Port of Barrow maintenance dredging disposal licence	48.1	58.1	d	c	c	d	d	d	a	d	c	d	d	d	a
Port of Workington Maintenance Dredging	96.7	117.9	d	d	d	d	d	a	d	d	d	d	d	d	a
Ribble Link Dredging	67.5	69.4	d	d	d	d	d	a	a	d	d	d	d	d	a
Ribble River – Maintenance Dredging Disposal	66.3	68.1	d	d	d	d	d	d	a	d	d	d	d	d	a

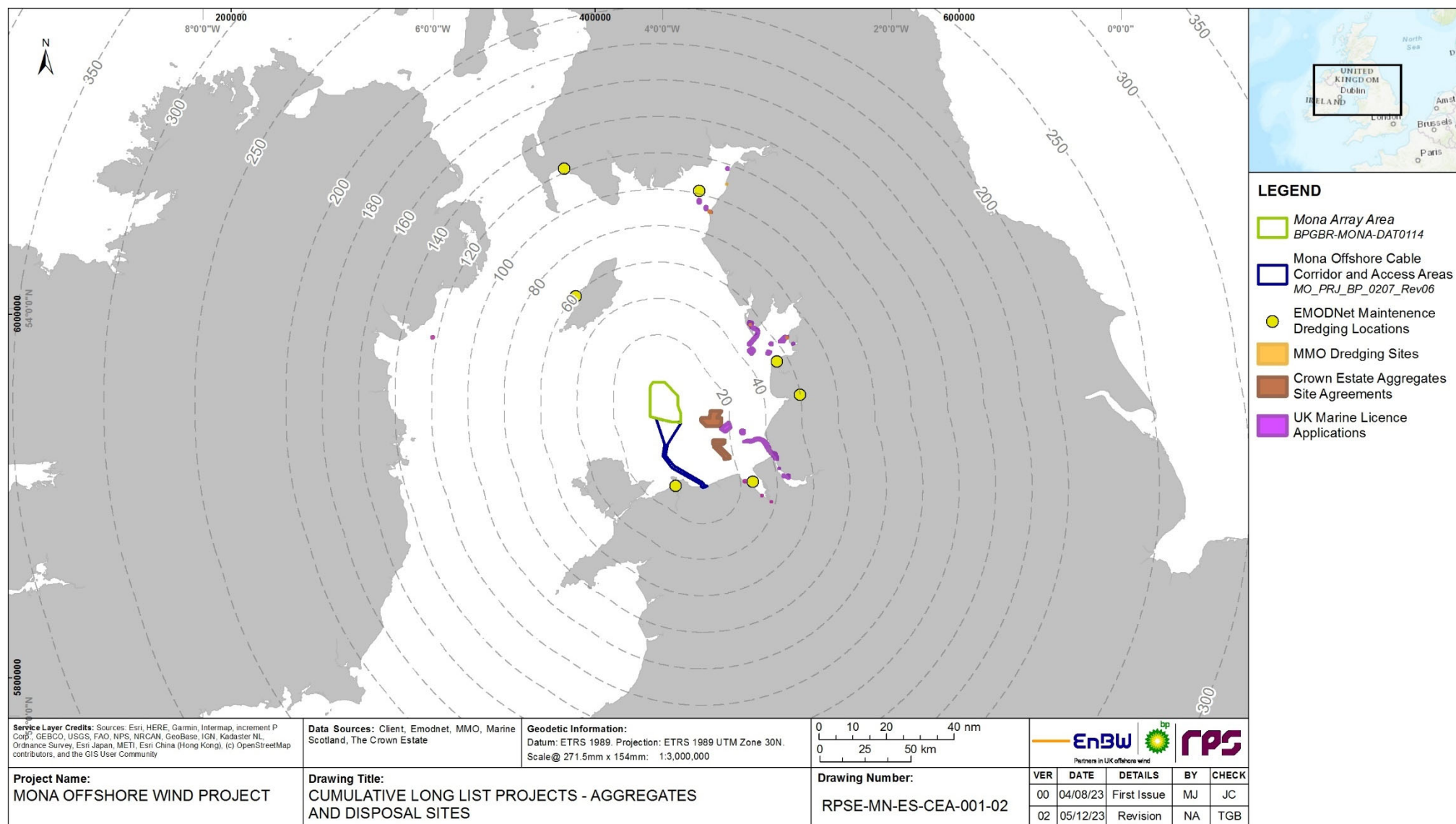
## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
RNLI Regional Infrastructure Maintenance	59.9	31.8	d	c	c	d	d	d	a	d	d	d	d	d	a
Silloth Dredge Licence Renewal	122.0	142.7	d	d	d	d	d	d	a	d	d	d	d	d	a
Solway Firth Maintenance Dredging Sea Disposal	106.8	128.9	d	d	d	d	d	d	d	d	d	d	d	d	a
West of Duddon Sands Pontoon Dredging Marine Licence	55.8	67.1	d	d	d	d	d	a	a	d	d	d	d	d	a
West of Duddon Sands Pontoon Dredging Marine Licence	55.8	67.1	d	d	d	d	d	a	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

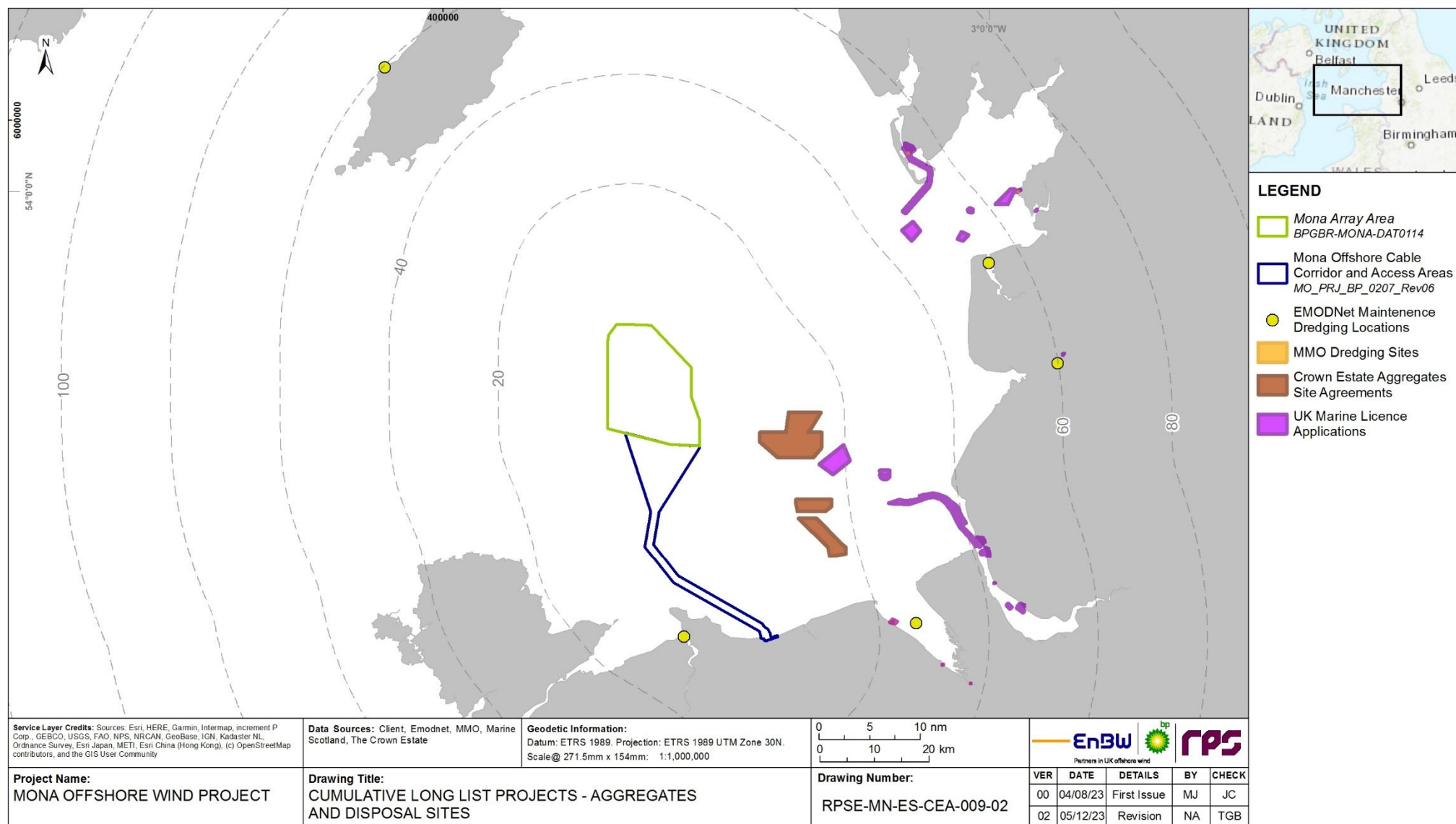
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Wyre River Maintenance Dredging Sea Disposal	57.7	63.8	d	d	d	d	d	a	a	d	d	d	d	d	a

# MONA OFFSHORE WIND PROJECT



**Figure 1.1: Aggregate and disposal projects, plans and activities considered in the Mona Offshore Wind Project CEA.**

# MONA OFFSHORE WIND PROJECT



**Figure 1.2: Aggregate and disposal projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).**

## MONA OFFSHORE WIND PROJECT

### 1.8 Offshore cumulative effects matrix – offshore renewable energy – temporal

1.8.1.1 The following offshore energy projects, plans and activities are shown in Figure 1.3 and Figure 1.4.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Aberdeen Offshore Wind farm	Crown Estate Scotland	High	Total capacity of 96.8 MW with 11 wind turbines.	Operational													
Aniar Offshore Array Phase 1 offshore wind project	Aniar Offshore Array	High	Fixed array 8.5 km from the coast. Array area roughly 120 km <sup>2</sup> .	Pre-application													
Aniar Offshore Array Phase 2 offshore wind project	Aniar Offshore Array	High	Floating array 14 km from the coast. Array area roughly 180 km <sup>2</sup> .	Pre-application													
Arklow Bank Phase 1	TGS	High	Capacity of 25.2 MW.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Offshore Wind Farm																	
Arklow Bank Wind Park Phase 2	SSE Renewables	High	Scoping report submitted June 2023, planning application submitted 06 June 2024.	Submitted but not yet determined													
Arranmore offshore wind project	Ivernia Energy	High	1 GW capacity.	Pre-application													
Arven Offshore Wind Farm	MainStream	High	2.3 GW floating offshore wind farm off the Shetland Isles, previously the NE1 site.	Pre-application													
Atlantic Marine Energy Test Site (AMETS) - test area A	EMODnet	Medium	Test Area A at 100 m water depth is located some 16km out from Belderra Strand. Test Area A is 6.9 km <sup>2</sup> .	Operational													
Atlantic Marine Energy Test Site (AMETS) - test area B	EMODnet	Medium	Test Area B at 50 m water depth is located 6 km from the strand. Test Area B is 1.5 km <sup>2</sup> .	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Awel y Môr Offshore Wind Farm	The Crown Estate	High	Capacity of 500 MW. Applicant expects consent Q3 2023. Construction to commence 2026, commissioned by 2030.	Permitted but not yet implemented													
Ayre Offshore Wind Farm	Thistle Wind Partners	High	50 to 60 floating offshore wind turbines 33 km east from Deerness, Orkney Islands. Proposed to be built in two stages between 2029 and 2033.	Pre-application													
Barrow Offshore Wind Farm	The Crown Estate	High	Capacity of 90 MW, 30 wind turbines.	Operational													
Barrow Offshore Wind Farm Export Cable Repair and Remediation	Marine Management Organisation	High	The proposed works include; • 5 x cable repair events, with associated jacking-up • 10 x cable remediation events (via jetting).	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Barrow Offshore Wind Farm O&M Marine Licence	Marine Management Organisation	High	Removal of marine growth and/or guano, Replacement of corrosion protection anodes, Application of paint or other coatings, Modifications to J-tubes, Replacement of access ladders - major component replacement.	Operational													
BayWa – Floating Offshore Wind Project	BayWa	High	960 MW floating offshore wind project, part of Scotwind Leasing. Offshore scoping report submitted in September 2023.	Pre-application													
Beatrice Offshore Wind Farm	Crown Estate Scotland	High	Fully operational, 84 wind turbines, 588 MW installed. Operational base in Wick. Finished construction in 2019 and states expected oep rational time of 25 years.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Bellrock Offshore Wind Farm	Bellrock	High	Scotwind area awarded to BlueFloat Energy as part of the ScotWind leasing round. 1.2 GW.	Pre-application													
Belwind phase 1 Offshore Wind Farm	EMODnet	Medium	The Belwind Offshore Energy Windfarm is located on the Bligh bank approximately 46-52 km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North Sea. 165 MW capacity.	Operational													
Belwind phase 2 (Nobelwind) (Zone 1) Offshore Wind Farm	EMODnet	Medium	The Belwind Offshore Energy Windfarm is located on the Blighbank approximately 46-52 km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North sea.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Belwind phase 2 (Nobelwind) (Zone 2) Offshore Wind Farm	EMODnet	Medium	The Belwind Offshore Energy Windfarm is located on the Blighbank approximately 46-52 km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North sea.	Operational													
Berwick Bank Wind Farm	Crown Estate Scotland	High	Capacity of 4.1 GW.	Submitted but not yet determined													
Billia Croo Wave Test Site	EMEC	High	The EMEC grid-connected wave test site was constructed in 2003, and is placed on the western edge of the Orkney mainland, at Billia Croo outside Stromness. The site consists of five cabled test berths in up to 70 m water depth (four at 50 m, one deeper), located approximately 2 km offshore and 0.5 km apart. In addition to this, a near shore berth is situated closer to the	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			substation for shallow water projects.														
Blackwater Offshore Wind Farm	Flotation Energy	High	Blackwater is a 1,500 MW floating offshore wind farm located in the Celtic Sea, offshore County Wexford. Planning permission expected 2026. Full commissioning expected 2030. 83 to 100 wind turbines.	Pre-Application													
Bluemull Sound Tidal Array	Scottish Government	High	The Shetland Tidal Array, 6 100 kW tidal turbines.	Operational													
Blyth Demo Offshore Wind Farm Phase 1	The Crown Estate	High	41.5 MW, five wind turbines. Area - 3.6 km².	Operational													
Blyth Demo Offshore Wind	The Crown Estate	High	Planned capacity of 58.4MW, up to five wind turbines. Area - 15.2 km².	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Farm Phases 2&3																	
Bore Array offshore wind project	Bore Array Ltd	High	Offshore wind farm off the coast of Wexford county. Capacity of up to 500 MW	Pre-application													
Borssele Kavel I Offshore Wind Farm	EMODnet	Medium	Capacity of 752 MW. Fully functional since November 2020. 94 8 MW wind turbines.	Operational													
Borssele Kavel II Offshore Wind Farm	EMODnet	Medium	Capacity of 752 MW. Fully functional since November 2020. 94 8 MW wind turbines.	Operational													
Borssele Kavel III Offshore Wind Farm	EMODnet	Medium	731.5 MW wind project located 22 km offshore the Zeeland province in the Netherlands. Began operations in 2021.	Operational													
Borssele Kavel IV - Offshore Wind Farm	EMODnet	Medium	731.5 MW wind project located 22 km offshore the Zeeland province in the Netherlands. Began operations in 2021.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Borssele Kavel V - Offshore Wind Farm	EMODnet	Medium	Two Vestas 9.5 MW wind turbines.	Operational													
Setanta Offshore Wind Project	SSE Renewables	High	Proposed offshore wind farm, Up to 1 GW Capacity. Expected for commision in 2027. Area: 444 km²	Pre-application													
Bowdun Offshore Wind Farm	Thistle Wind Partners (TWP)	High	TWP's Bowdun Offshore Wind Farm will contribute more than 1GW of renewable energy to the National Grid. Located off the Aberdeenshire coast, the wind farm will be made up of fixed foundation turbines. While the project is currently in the early development phase, it is anticipated that construction will begin in 2029 with first power produced from 2032.	Pre-Application													
Braymore Point site investigation	Irish Government	High	Geophysical, geotechnical, wind resource and metocean,	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			topographic, environmental surveys.														
Broadshore – Offshore Wind Project	Crown Estate Scotland	High	Scotwind area awarded to BlueFloat Energy as part of the ScotWind leasing round. 900 MW, scoping requests submitted in 2024, consent anticipated in 2026-2027.	Pre-application													
Buchan Deep Demo – Floating Offshore Wind Farm	Crown Estate Scotland	High	Floating offshore wind farm. Capacity of 30 MW.	Operational													
Buchan Offshore Wind Farm	Crown Estate Scotland	High	Located 75 km northeast of Fraserburgh on the Aberdeenshire Coast with a capacity of around 1GW. Scoping submitted in September 2023.	Pre-application													
Burbo Bank Offshore Wind Farm	The Crown Estate	High	Capacity of 90 MW. Area - 10 km².	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Burbo Bank Offshore Wind Farm cable repair and remediation	Welsh Marine Planning Portal	High	The Applicant (DONG Energy Burbo Extension (UK) Limited) seeks consent for up to 10 discrete array cable repair or remediation events over the lifetime of the wind farm (25 years).	Operational													
Burbo Bank Extension Offshore Wind Farm	The Crown Estate	High	Capacity - 258 MW - 32 wind turbines. Area 40 km²	Operational													
Burbo Bank Extension Offshore Wind Farm – Array cable repair and remediation activities	Marine Management Organisation	High	The Applicant seeks consent for up to 10 discrete array cable repair or remediation events over the lifetime of the wind farm (25 years).	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Burbo Bank Extension Offshore Wind Farm – Export cable repair and remediation activities	Marine Management Organisation	High	The Applicant seeks consent for up to 4 discrete export cable repair or remediation events over the lifetime of the wind farm (25 years).	Operational													
Burbo Bank Offshore Wind Farm - O&M Marine Licence for Export Cable Repair/Remediation Activities	Marine Management Organisation	High	The Applicant seeks consent for up to four discrete export cable repair/remediation events over the remaining lifetime of the wind farm (15 years).	Operational													
Réalt na Mara	4C Offshore	Low	Announced offshore wind project. Capacity of 1.6 GW. Spread over an area of 317 km².	Pre-application													
Caledonia Offshore Wind Project	Ocean Winds	High	Scotwind area awarded to Ocean Wind as part of the ScotWind leasing round. 1 GW	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
CampionWind Offshore Wind Project	Campion Wind	High	Scotwind area awarded to Shell New Energies as part of the ScotWind leasing round. 2 GW	Pre-application													
Celtic Horizon offshore wind project	Ocean Winds	High	Offshore wind farm off the coast of Waterford and Wexford. Envisaged capacity of up to 700 MW.	Pre-application													
Celtic One Fixed Offshore Wind Farm	ESB	Low	800 MW site. Fixed offshore wind, Phase 2 of this site is located approximately 8km south of Ballycotton off the coastline of East Cork.	Pre-Application													
Celtic Sea Array Offshore Wind Farm	Irish Government	High	1.2 GW planned capacity.	Pre-application													
Celtic Two – Floating Offshore Wind Project	ESB	Low	800 MW site. 20 wind turbines. Located approximately 27km south of Ballycotton and beyond the 12 nautical mile limit	Pre-Application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Centre-Manche 1 Offshore Wind Farm	EMODnet	Medium	A 1 GW offshore wind farm located 32 km off the coast of Normandy.	Permitted but not yet implemented													
Centre-Manche 2 Offshore Wind Farm	EMODnet	Medium	1,500 MW offshore wind farm planned to be located adjacent to Centre-Manche 1.	Pre-Application													
Clarus Offshore Wind Farm	Clarus	High	400 MW site.	Pre-Application													
Clarus Offshore Wind Farm - Site Investigations off Counties Kerry and Clare	Irish Government	High	Geophysical, geotechnical, arcaheological, wind resource and metocean, ecological surveys. Licence sought for 5 years.	Submitted but not yet determined													
Clogher Head Offshore Wind Farm	Irish Government	High	Planned capacity of 800 MW.	Pre-application													
Cluaran Deas Ear Offshore Wind Project	Power Technology	High	Scotwind area awarded to DEME as part of the	Pre-application													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			ScotWind leasing round. 1 GW														
Cluaran Ear-Thuath Offshore Wind farm	Power Technology	High	A 1,008 MW offshore wind power project planned in the North Sea (Scotland).	Pre-application													
Codling Wind Park Offshore Wind Farm	Irish Government	High	Total area 125 km <sup>2</sup> . Capacity between 900 MW and 1,500 MW. Combined with Codling Wind Park Extension into one project, as per redesign presented in Scoping Report.	Pre-application													
Codling Wind Park site investigation Ref No. FS007045	Irish Government	High	Geophysical, Geotechnical, Fish & Shellfish surveys, Benthic & Intertidal Surveys, Archaeological surveys, Metocean and Floating LiDAR, Marine Mammal Acoustic POD survey. Proposed start date of Q4 2020/Q1 2021 for up to 36 months with a requested	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			licence duration of 5 years.														
PLAT-I Floating Tidal Energy	Crown Estate Scotland	High	1 MW tidal turbine.	Operational													
Cooley Point Offshore Wind Farm	Irish Government	High	Foreshore Licence application for site investigation works to inform the development of an Offshore Wind Farm. Geophysical, geotechnical, archaeology, ecology surveys.	Pre-application													
Cork offshore wind project	Floating Cork Offshore Wind	High	Over 22 km from the south coast of Ireland. Capacity of up to 1 GW.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Courseulles-sur-mer Offshore Wind Farm	EMODnet	Medium	450 MW. 75 wind turbines.	Under Construction													
Deerness – Wave Energy Project	Orcadian	High	Wave energy project.	Operational													
DEME – Floating Offshore Wind Project	Crown Estate Scotland	High	1,008 MW floating offshore wind project, part of Scotwind Leasing.	Pre-application													
DesignPro Cahiracon Quay Tidal Energy Testing	Irish Government	High	Test site for a tidal energy device. The test devices proposed for deployment off the pier at Inishmurry (Cahiracon, Co Clare) are 60 kW devices.	Submitted but not yet determined													
Dieppe - Le Treport – Offshore Wind Farm	EMODnet	Medium	2,000 GWh of electricity a year from 2021. The estimated operational life of the wind farm is 20 years. 17 km off the coast of Dieppe. 110 km <sup>2</sup> , 62 wind turbines.	Under Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Dogger Bank B (Sofia) – Offshore Wind Farm	The Crown Estate	High	Capacity of 1.4 GW. Area – 593 km <sup>2</sup> .	Under Construction													
Dogger Bank C (Creyke Beck) – Offshore Wind Farm	The Crown Estate	High	Capacity of 1.2 GW, Area of around 560 km <sup>2</sup> .	Permitted but not yet implemented													
Dogger Bank South (East) – Offshore Wind Farm	RWE	High	Area of 493 km <sup>2</sup> , 1,500 MW capacity.	Submitted but not yet determined													
Dogger Bank D	The Planning Inspectorate	High	Capacity up to 2 GW. The wind farm will connect into Birkhill Wood, a proposed new 400kV substation located in the East Riding of Yorkshire.  The proposed Dogger Bank D wind farm would be located in the eastern zone of the Dogger Bank C lease area, maximising	Pre-application													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			the capacity of the existing acreage. EIA scoping report was submitted to the Planning Inspectorate in June 2024.														
Dogger Bank South (West) – Offshore Wind Farm	RWE	High	Area of 495 km², 1,500 MW capacity.	Submitted but not yet determined													
Dogger Bank Teeside A – Offshore Wind Farm	The Crown Estate	High	Capacity of 1.2 GW, Area of around 515 km².	Under Construction													
DONG Energy Burbo (UK) Ltd - Operational Marine Licence Inter Array Cable Repair	Marine Management Organisation	High	A maximum of 10 inter-array cable repairs or replacements over the remaining lifetime of the project.	Operational													
Draig y Môr – Offshore Wind Farm	Wind Power	Low	Mixture of static and floating wind turbines, located off the north coast of county Donegal. Area - 1,324 km².	Pre-Application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Dublin Array Offshore Wind Farm	Irish Government	High	600 MW offshore wind power project. Area of 54 km².	Pre-application													
Dublin Array site investigation	Irish Government	High	Application for a Site Investigation Licence to carry out geophysical surveys, geotechnical surveys, ecological surveys and wind and metocean surveys	Operational													
Dudgeon Ofshore Wind Farm	The Crown Estate	High	Capacity of 402 MW - 67 6 MW wind turbines.	Operational													
Sheringham and Dudgeon Extension Projects (formerly Dudgeon Extension)	The Crown Estate	High	Joint offshore wind farm application with Sheringham Shoal. 402 MW	Permitted but not yet implemented													
Dunkerque Offshore Wind Project	TGS	Medium	Offshore wind project off the coast of France, comprising a maximum of 46 wind turbines.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
East Anglia ONE Offshore Wind Farm	The Crown Estate	High	Offshore wind farm - 102 wind turbines - 714 MW capacity. Area - 300 km².	Operational													
East Anglia ONE NORTH Offshore Wind Farm	The Crown Estate	High	Offshore Wind farm - 800 MW capacity. Area - 208 km².	Permitted but not yet implemented													
East Anglia THREE Offshore Wind Farm	The Crown Estate	High	Offshore wind farm - up to 1,400 MW capacity. Area - 305 km²	Under construction													
East Anglia TWO Offshore Wind Farm	The Crown Estate	High	Offshore wind farm - 900 MW capacity. Area - 218.4 km².	Permitted but not yet implemented													
East Celtic offshore wind project	RWE Renewables	High	Offshore wind project situated off the Wexford/Waterford coast between 9-36 km from shore.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
EMEC Fall of Warness – Tidal Energy	EMEC	High	Tidal energy test site located to the west of the island of Eday. The site consists of 8 cabled test berths at various depths in an approximately 8 km² area.	Operational													
EMEC Shapinsay Sound – Tidal Energy	TETHYS	High	Tidal test site located in Shapinsay Sound, to the north-east of Kirkwall in water depths of 21-25 m.	Operational													
Endurance Carbon Capture	bp	High	Carbon Capture project. bp, Eni, Equinor, National Grid, Shell and Total have formed the Northern Endurance Partnership to develop the offshore infrastructure to transport and store millions of tonnes of carbon dioxide (CO2) emissions safely in the UK North Sea. bp acting as operator.	Submitted but not yet determined													
Energia Site Investigation	Irish Government	High	Geophysical, geotechnical, archaeology, ecological	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
off Wexford Coast			and oceanographic surveys.														
Eni Hynet – Carbon Capture Project	Eni UK Ltd.	High	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													
ESB Celtic Offshore Wind - Site Investigations off Waterford and Cork	Irish Government	High	Geophysical, geotechnical, oceanographic and metocean, ecological and archaeological surveys.	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
ESB Wind Development Limited Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow	Irish Government	High	This foreshore application relates to the Site Investigation works only. These activities are required to inform: the overall project feasibility; the conditions at site and along the cable route; the various assessments required to progress the project; and the development of the project.	Submitted but not yet determined													
ESB Wind Development Limited Site Investigations off Waterford and Cork Coasts - Helvick Head Offshore Wind	Irish Government	High	Geophysical, geotechnical, oceanographic and metocean, ecological and archaeological surveys.	Submitted but not yet determined													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
FabTest, Falmouth Bay – Renewable Energy Test Site	The Crown Estate	High	FabTest is a 2.8 km <sup>2</sup> non grid connected, pre-consented nursery test site for the development and testing of marine energy convertors and components as well as Autonomous systems.	Operational													
Fair Head – Tidal Array Project	The Crown Estate	High	Proposal for a 100 MW tidal array covering an approx. area of 4.2 km <sup>2</sup> to be built 1 km offshore at Fair Head. Phase 1 is up to 10 MW but no licence issued to date.	Submitted but not yet determined													
Falck Renewables - Floating	Crown Estate Scotland	High	500 MW floating offshore wind project, part of Scotwind Leasing.	Pre-application													
Fall of Warness Tidal Test Site	Scottish Government	High	Capacity of 10 MW.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Fecamp – Offshore Wind Farm	EMODnet	Medium	498 MW wind farm located in the English Channel, off the coast of northern France. Area - 67 km². 22 km from shore.	Operational													
Five Estuaries – Offshore Wind Farm	The Crown Estate	High	149 km² Area. Galloper wind farm extension. Capacity of 353 MW. Application was accepted for examination by The Planning Inspectorate on 22 April 2024.	Submitted but not yet determined													
Floating Power Plant – Ireland – Offshore Wind Project	Power Technology	Medium	A 1,500 MW offshore wind project planned in the Irish Sea.	Pre-application													
Flora – floating innovation project	bp	High	Floating offshore wind project off the coast of Aberdeenshire.	Pre-application													
Forthwind Methil Demonstration – Offshore Wind	Crown Estate Scotland	High	One wind turbine of up to 20 MW.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Fuinneamh Sceirde Teoranta - Site Investigations for the proposed Sceirde Rocks Offshore Wind Farm	Irish Government	High	Sceirde Rocks Offshore Wind Farm is a fixed bottom offshore wind farm off the West Coast of Ireland. Foreshore licence for site investigations is to determine geotechnical, geophysical, metocean, wind resource and benthic characteristics within the Foreshore Licence Area.	Submitted but not yet determined													
Galloper Offshore Wind Farm	The Crown Estate	High	Capacity of 353 MW, 56 wind turbines.	Operational													
Galway Bay-1 (near Spiddal)	Irish Times	Medium	Marine energy testing site.	Operational													
Galway Bay-2 (near Spiddal)	Irish Times	Medium	Marine energy testing site.	Operational													
Greater Gabbard Offshore Wind Farm	The Crown Estate	High	Capacity of 504 MW, 140 wind turbines.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Green Volt Offshore Wind Farm	Marine Scotland	High	Expected to be operational by 2026. Capacity of 560 MW to supply Oil and Gas fields. Application approved 19th April 2024.	Permitted but not yet implemented													
Greystones Offshore Wind Farm	Flotation Energy	High	Greystones is a 1,000 MW fixed offshore wind farm located in the Irish Sea, southeast of Dublin.	Pre-Application													
Gunfleet Sands Demo	The Crown Estate	High	12 MW capacity.	Operational													
Gunfleet Sands I Offshore Wind Farm	The Crown Estate	High	108 MW capacity. 17.5 km² area between both Gunfleet Sands projects.	Operational													
Gunfleet Sands II Offshore Wind Farm	The Crown Estate	High	64.8 MW capacity. 17.5 km² area between both Gunfleet Sands projects.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Gwynt Glas – Floating Offshore Wind Project	EDF	High	300 MW site prospective floating offshore wind farm being investigated between 10-25 km from the coast of Pembrokeshire. Site area of approx. 94 km². 15-20 wind turbines.	Pre-Application													
Gwynt y Môr Offshore Wind Farm	The Crown Estate	High	Capacity of 576 MW, 90 km² area.	Operational													
Harris Demonstration Zone	EMODnet	Medium	The Islay and Harris development sites, overall capacity of 100 MW.	Pre-application													
Havbredey – Floating Offshore Wind Project	Northland Power ScotWind	High	Previously known as N4, near the Outer Hebrides. Planning application expected to be submitted in 2027.	Pre-application													
Haven Offshore Array Wind Farm	Haven	High	Wind farm off the north coast of Ireland.	Pre-Application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Hollandse Kust (West) – Offshore Wind Project	EMODnet	Medium	Capacity of 1,400 MW. Area - 176 km².	Pre-application													
Hollandse Kust D – Offshore Wind Project	EMODnet	Medium	Construction scheduled to be complete in 2023. 1.5 GW capacity.	Under Construction													
Hollandse Kust F – Offshore Wind Project	EMODnet	Medium	Construction scheduled to be complete in 2023. 1.5 GW capacity.	Under Construction													
Holyhead Deep – Tidal Energy	The Crown Estate	High	Proposed 60 unit, 80 MW capacity tidal energy site.	Pre-application													
Holyhead Deep Project , Safety Zone Application	Marine Management Organisation	High	Safety zone application for the Minesto deep tidal site.	Operational													
Hornsea Project 1 Offshore Wind Farm	The Crown Estate	High	1.2 GW capacity, 407 km² area, 174 wind turbines.	Operational													

# MONA OFFSHORE WIND PROJECT

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					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Hornsea Project 2 Offshore Wind Farm	The Crown Estate	High	1.3 GW capacity, 462 km <sup>2</sup> area, 165 wind turbines.	Operational													
Hornsea Project 3 Offshore Wind Farm	The Crown Estate	High	2.4 GW capacity, 696 km <sup>2</sup> area.	Under Construction													
Hornsea Project 4 Offshore Wind Farm	The Crown Estate	High	Hornsea Four is an offshore wind farm which Ørsted is proposing to develop in the North Sea, approximately 69 km off the Yorkshire Coast.	Permitted but not yet implemented													
Humber Gateway Offshore Wind Farm	The Crown Estate	High	219 MW capacity, 73 wind turbines. Area - 35 km <sup>2</sup> .	Operational													
Ijmuiden Ver Wind Farm Zone	EMODnet	Medium	62 km off the west coast of the Netherlands. An application period is planned for 2025.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Inch Cape Offshore Wind Farm	Crown Estate Scotland	High	72 wind turbines, capacity of 1.1 GW.	Under Construction													
Inch Cape Offshore Wind Farm Transmission	Inch Cape Wind	High	The offshore transmission assets for the Inch Cape wind farm.	Under Construction													
Inis Eagla Marine Energy Park Ltd site investigations	Irish Government	High	Site Investigations relating to a potential offshore wind farm at Inis Ealga, Cork.	Submitted but not yet determined													
Inis Ealga Marine Energy Park	dp Energy	Low	Expected to have a capacity of 1 GW. Floating offshore wind.	Pre-application													
Inis Offshore Wind Munster	Inis Offshore Wind	High	100 MW site.	Pre-Application													
Inner Dowsing Offshore Wind Farm	The Crown Estate	High	97.2 MW Capacity.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Islay Community Demonstration	EMODnet	Medium	The Islay and Harris development sites, overall capacity of 100 MW.	Pre-application													
Kentish Flats Extension Offshore Wind Farm	The Crown Estate	High	49.5 MW capacity. Area - 49.5 km².	Operational													
Kentish Flats Offshore Wind Farm	The Crown Estate	High	90 MW capacity.	Operational													
Kilmichael Point Offshore Wind Farm	Irish Government	High	Concept/early planning offshore wind farm. 500 MW capacity.	Pre-application													
Kincardine – Floating Offshore Wind Project	Crown Estate Scotland	High	50 MW floating offshore wind farm.	Operational													
Latitude 52 Array – Offshore Wind Project	4C Offshore	Low	Planned capacity is up to 1 GW, spread over 300 km².	Pre-application													
Lincs Offshore Wind Farm	The Crown Estate	High	Capacity of 270 MW. Area - 35 km².	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Lir offshore wind project	Lir Offshore Array	High	Offshore wind project off the coast of Louth/Meath/Dublin.	Pre-application													
Llŷr 1 Offshore Wind Project	NRW	High	100 MW offshore wind power project. It is planned in Celtic Sea, Wales, the UK. Scoping Report has been submitted. Post completion of the construction, the project is expected to get commissioned in 2026.	Pre-Application													
Llŷr 2 Offshore wind Project	NRW	High	100 MW offshore wind power project. It is planned in Celtic Sea, Wales, the UK. Scoping Report has been submitted. Post completion of the construction, the project is expected to get commissioned in 2026.	Pre-Application													
Llŷwelyn Offshore Wind Project	Llŷwelyn Wind	High	100 MW site. Up to eight wind turbines, off of the	Pre-Application													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			Pembrokeshire oast. Scoping report submitted.														
Loch Garman Offshore Wind Farm	Loch Garman	High	100 MW offshore wind power project off the coast of County Wexford.	Pre-Application													
London Array Offshore Wind Farm	The Crown Estate	High	630 MW capacity. Area - 122 km².	Operational													
Lynn Offshore Wind Farm	The Crown Estate	High	97.2 MW capacity.	Operational													
Machair Wind – Hybrid Energy Project	Crown Estate Scotland	High	3,000 MW site. wind-SMR (Small Modular Reactor) and hydrogen production hybrid energy project.	Pre-Application													
Mac Lir offshore wind project	Mac Lir Offshore Wind Ltd.	High	Over 22 km offshore the east coast of Ireland. Potential capacity of over 700 MW.	Pre-Application													
Magnora – Offshore Wind Project	Crown Estate Scotland	High	495 MW offshore wind project, part of Scotwind Leasing. Mixed fixed and floating turbines.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Malin	Crown Estate Scotland	High	100 MW floating offshore wind project off the coast of Northern Ireland.	Pre-application													
Mara Mhor Offshore Wind Farm	Muir Mhor	High	798 MW offshore wind power project planned in North Sea, Scotland.	Pre-application													
Marine Energy Test Areas (META)	The Crown Estate	High	Site for testing wave and tidal devices.	Operational													
MarramWind	Power Technology	High	Scotwind area awarded to Scottish Power Renewables as part of the ScotWind leasing round. 3 GW	Pre-application													
Merlin – Floating Offshore Wind Project	The Wind Power	High	1,000 MW proposed capacity.	Pre-Application													
Mermaid Offshore Wind Farm	SeaMade	Medium	487 MW offshore wind project.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Mersey Tidal Power	EMODnet	Medium	Planned tidal project in the River Mersey, at Least 1 GW capacity, 2 TWh annual generation.	Pre-application													
META Phase 2 demonstration zones	The Crown Estate	High	META Open Water offers sites for accessible, non-grid connected, real-sea testing. The sites are located within or adjacent to the Milford Haven Waterway enabling lessons to be learnt quickly and cheaply. Warrior Way, Dale Roads and East Pickard Bay. Tidal, Wave and floating wind test sites.	Operational													
MeyGen Tidal Energy Project	SAE Renewables	High	398 MW of installed tidal stream energy capacity.	Operational													
Moneypoint One offshore wind project	ESB	High	16 km from the Clare/Kerry coast, estimated up to 400 MW capacity	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Moor Vannin	4C Offshore	High	Proposed offshore wind farm comprising up to 100 wind turbines.	Pre-application													
Moray East Offshore Transmission Connection	Transmission Investment	High	Offshore transmission assets for Moray East.	Operational													
Moray Offshore Windfarm (East)	Crown Estate Scotland	High	950 MW offshore wind project located in the Firth of Forth.	Operational													
Moray West Offshore Wind Farm	Crown Estate Scotland	High	225 km <sup>2</sup> offshore wind farm.	Under Construction													
Moray West Offshore Transmission Connection	Ofgem	High	Offshore transmission assets for Moray West.	Under Construction													
Morecambe Net Zero Cluster	NSTA	High	Spirit Energy are planning to convert their depleted South Morecambe and North Morecambe gas fields and Barrow	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			Terminals into a carbon storage cluster.														
Morecambe Offshore Windfarm Generation Assets	Flotation Energy	High	Generation assets of the Morecambe Offshore Windfarm.	Submitted but not yet determined													
Morgan and Morecambe Offshore Windfarms Transmission Assets	EnBW and bp and Flotation Energy	High	Application for the co-ordinated transmission assets for the Morgan and Morecambe Offshore Wind Projects.	Submitted but not yet determined													
Morgan Offshore Wind Project Generation Assets	EnBW and bp	High	Application for the generation assets of the 1.5 GW Morgan Offshore Wind Project in the east Irish Sea.	Submitted but not yet determined													
Morven Offshore Wind Project	EnBW and bp	High	Application for the generation assets of the 1.5 GW Morgan Offshore	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			Wind Project in the east Irish Sea.														
Morwind – Floating Offshore Wind Project	The Wind Power	High	Capacity of 300 MW. Floating site.	Pre-Application													
Muir Mhòr Offshore Wind Farm	Muir Mhor	High	Scotwind area awarded to Vattenfall as part of the ScotWind leasing round. 798 MW	Pre-application													
Neart Na Gaoithe Offshore Wind	Crown Estate Scotland	High	An offshore wind farm located 15.5 km off the Fife coast. 450 MW capacity.	Under construction													
Neart na Gaoithe Offshore Transmission Connection	Scottish Government	High	Offshore transmission assets for Neart Na Gaoithe.	Under construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Ness of Duncansby	Pentland Firth Renewables	High	Proposed tidal energy site. It is anticipated that phase one of this project will have a capacity of up to 30 MW and the aim is to develop up to a further 65 MW.	Pre-application													
New Mooring - Deer Sound, Orkney	Marine Scotland	High	Orbital Marine Power (Orkney) plc will deploy the Orbital O2 2MW tidal turbine at the EMEC Fall of Warness test site in Orkney in 2020 for a long-term deployment of up to 17 years. In order to perform certain maintenance tasks on the turbine or infrastructure on site, the O2 2 MW turbine will need to be removed for varying periods of time.	Operational													
Nomadic offshore wind project	Simply Blue	High	Floating offshore wind farm 35 km from shore. Located between Northern Ireland and Islay, Inner	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			Southern Hebrides. Capacity of up to 500 MW.														
Norfolk Boreas Offshore Wind Farm	Vattenfall	High	1.4GW capacity. Area - 725km2.	Permitted but not yet implemented													
Norfolk Vanguard East And West Offshore Wind Farm	The Crown Estate	High	2.8 GW capacity. Area - 592 km².	Permitted but not yet implemented													
Normandy, Raz Blanchard Tidal Project	Offshore Energy	Medium	17 MW tidal stream array.	Pre-application													
North Celtic Sea Offshore Wind Farm	Irish Government	High	Up to 800 MW Planned capacity.	Pre-application													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
North Channel Wind 1 – Floating Offshroe Wind Project	North Channel Wind	High	Prospective floating offshore wind farm being investigated between 10-25 km from the coast of Northern Ireland. Site area of approx. 38 km <sup>2</sup> . Using Tension Leg platform. 5-7 wind turbines.	Pre-Application													
North Channel Wind 2 – Floating Offshroe Wind Project	North Channel Wind	High	Prospective floating offshore wind farm being investigated between 10-25 km from the coast of Northern Ireland. Site area of approx. 38 km <sup>2</sup> . Using Tension Leg platform. 5-7 wind turbines.	Pre-Application													
North Falls Offshore Wind Farm	The Crown Estate	High	504 MW capacity. Area - 150 km <sup>2</sup> . Greater Gabbard extension.	Pre-application													
North Hoyle Offshore Wind Farm	The Crown Estate	High	60 MW capacity. Area - 10 km <sup>2</sup> .	Operational													
North Irish Sea Array Offshore Wind Farm	Irish Government	High	Proposed offshore wind farm, 500 MW capacity.	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Norther Offshore Wind farm	EMODnet	Medium	44 wind turbines - maximum capacity of 370 MW.	Operational													
Northwester 2 Offshore Wind Farm	EMODnet	Medium	Northwester 2 is Parkwind’s offshore wind farm completed in 2020. Located 51 km from shore in the Belgian North Sea. 23 wind turbines over 11.7 km².	Operational													
Northwind Offshore Wind Farm	EMODnet	Medium	Offshore wind farm 38 km off Belgium. 216 MW capacity.	Operational													
Ocean Quest Tidal Turbine	EMODnet	Medium	1 MW tidal turbine.	Operational													
Arven South	Main Stream	High	1,000 MW offshore wind project, part of Scotwind Leasing.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Operation and maintenance activities at North Hoyle Offshore Wind Farm	The Crown Estate	High	Applicant NWP Offshore Limited Marine Licence Number CML1465. The maintenance operations will take place throughout all assets of the wind farm and will include: Sub sea ROV works, and heavy lifting operations.	Operational													
Operation and maintenance activities at Rhyl Flats Offshore Wind Farm	Welsh Marine Planning Portal	High	Operations and maintenance activities including high voltage maintenance work and heavy lift work.	Operational													
Oran na Mara Tidal Energy	Crown Estate Scotland	High	1,600 MW capacity tidal energy project. Scoping report submitted in August 2023.	Pre-application													
Oriel Offshore Wind Farm	Irish Government	High	375 MW capacity. Area - 28 km². Planning application submitted 24th May 2024 to An Bord Pleanála.	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Ormonde Offshore Wind Farm	The Crown Estate	High	150 MW capacity. Area - 8.7 km <sup>2</sup> .	Operational													
Ormonde Offshore Wind Farm Export Cable Repair and Remediation	Marine Management Organisation	High	5 x cable repair events, with associated jacking-up; and10 x cable remediation events (via jetting).	Operational													
Ormonde Offshore Wind Farm O&M Marine Licence	Marine Management Organisation	High	Removal of marine growth and/or guano, replacement of corrosion protection anodes, painting or other coatings, modifications to J-tubes, replacement of access ladders, major component replacement, recovery and repair/replacement of cable section, dredging to remove sediment.	Operational													
Ossian Wind Farm	Ossian Wind Farm	High	Scotwind area awarded to SSE renewables as part of the ScotWind leasing round. 2.6 GW	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Outer Dowsing Offshore Wind Farm	Outer Dowsing	High	Area of 499 km², 1,500 MW capacity.	Submitted but not yet determined													
Paimpol-Brehat Tidal Energy	EMODnet	Medium	Tidal demonstration site, two 2 MW turbines.	Operational													
Péarla Offshore Wind Farm	Inis Offshore Wind	High	40 km off the Waterford and Wexford coast. Up to 1 GW capacity.	Pre-application													
Pentland Floating Offshore Wind Farm	Penland Floating Wind	High	Proposed floating offshore wind farm off the coast of Dounreay, Caithness.	Pre-application													
Perpetuus Tidal Energy Centre	The Crown Estate	Medium	30 MW commercial tidal stream.	Permitted but not yet implemented													
Project Erebus – Floating Offshore Wind Project	Blue Gem Wind	Medium	100 MW test & demonstration project in the Celtic Sea.	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Project Ilenn– Floating Offshore Wind Project	EMODnet	Medium	1.35 GW floating offshore wind project located at least 35 km offshore Co. Clare. One of the Western Star projects.	Pre-application													
Project Saoirse Wave Energy	EMODnet	Medium	Pre-commercial demonstration wave energy conversion project located 4-6 km offshore Co. Clare, starting with 5 MW of capacity. One of the two Western Star Projects.	Pre-application													
Project Valorous – Floating Offshore Wind Project	NS Energy	Medium	A proposed 300 MW floating offshore wind project in the Celtic Sea region. EIA scoping report submitted to NRW in February 2021.	Pre-application													
QUB Tidal demonstration test site	EMODnet	Medium	Two surface mounted mono-strut turbines, 1kW.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Race Bank Offshore Wind Farm	The Crown Estate	High	573 MW capacity.	Operational													
Rampion 2 (Rampion Extension) Offshore Wind Farm	The Crown Estate	High	Up to 1,200 MW capacity. Area - 270 km².	Submitted but not yet determined													
Rampion Offshore Wind Farm	The Crown Estate	High	400 MW capacity. Area - 72 km².	Operational													
Ramsey Sound Regeneration Project	UK Government	High	Ramsey Sound is a key tidal deployment site, having consent, grid connection and ROC accreditation. This project will recover and refurbish the existing assets and redeploy the device with a new turbine to deliver electricity to the grid and to capture data.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Realt na Mara offshore wind project	Ocean Winds	High	Capacity of up to 1.6 GW. Located off the coast of Dublin and Wicklow.	Pre-application													
Rentel Offshore Wind Farm	EMODnet	Medium	42 wind turbines, capacity of 309 MW. Area - 22.72 km².	Operational													
Rhyl Flats Offshore Wind Farm	The Crown Estate	High	25 wind turbines, 90 MW capacity.	Operational													
Rian Offshore Array Phase 1	Rian Offshore Array Ltd.	High	First stage of Rian Offshore Array. Surveys to set up second phase.	Pre-application													
Rian Offshore Array Phase 2	Rian Offshore Array Ltd.	High	Second stage of Rian Offshore Array. Floating offshore wind farm. 2.5 GW potential capacity.	Pre-application													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Robin Rigg Offshore Wind Farm Operational Marine Licence - Export Cable	Marine Management Organisation	High	It is estimated that no more than three repairs per cable would be expected to occur within the remaining life of the windfarm. The maximum length of cable expected to be used would be 200 m in each case. If the repair requires the use of a jack up barge it is envisaged that no more than four visits/ jack up positions would be required per repair.	Operational													
Robin Rigg East offshore wind project	Crown Estate Scotland	High	Adjacent to Robin Rigg West, total capacity across the two projects of 174 MW.	Operational													
Robin Rigg West Offshore Wind Farm	Crown Estate Scotland	High	Adjacent to Robin Rigg East, total capacity across the two projects of 174 MW.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Routine operational and maintenance activities at five Offshore Substations (Barrow, Ormonde, Lincs, Westernmost Rough, and Gunfleet Sands)	Marine Management Organisation	High	An application is being submitted for routine operational and maintenance (O&M) activities on the Offshore Substation Platforms (OSPs) of the following offshore wind farms:  • Barrow; • Ormonde; • Lincs; • Westernmost Rough; and • Gunfleet Sands.	Operational													
RWE Renewables Ireland Site Investigations for Dublin Array Offshore Wind Farm	Irish Government	High	Foreshore Licence to undertake geotechnical and geophysical site investigations and ecological, wind, wave and current monitoring to provide further data to refine wind farm design, cable routing, landfall design and associated installation methodologies for the proposed Dublin Array offshore wind farm.	Operational													

## MONA OFFSHORE WIND PROJECT

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					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Saint-Brieuc Offshore Wind Farm	EMODnet	Medium	496 MW. Construction on the project started in 2019, while commissioning is scheduled for 2023. 62 turbines. A 225 kV offshore substation will also be placed on a jacket foundation in the middle of the wind farm.	Operational													
Salamander Offshore Wind Farm	Orsted and Simply Blue Group	High	Installation of a floating wind farm off the coast of Peterhead with an installed capacity of up to 100 MW consisting of up to 7 offshore floating wind turbines. EIA scoping report submitted in February 2023.	Pre-application													
Scapa Flow Wave Test Site	EMEC	High	Construction of the EMEC Scapa Flow scale wave test site was completed in 2011 and EMEC welcomed their first client on site in 2012. The EMEC wave test site at Scapa Flow is expected to	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			continue to be operational so long as there is a need for testing in the benign real-sea regime the site enjoys. The area is 0.4 km across and approximately 0.9 km in length situated in water depths of 21-25 m with a predominant westerly wave regime.														
Scarben Floating Offshore Wind Project	BlueFloat Energy and Renantis	High	99.5 MW offshore wind power project. It is planned in the North Sea, Scotland.	Pre-application													
Sceirde (Skerd) Rocks Windfarm	Gov.ie	High	application relating specifically to a foreshore license for site investigation activities in the wind farm array area only to support the accelerated delivery of the Sceirde Rocks Windfarm.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Sceirde (Skerd) Rocks Windfarm	4C Offshore	Low	450 MW. Concept early planning.	Pre-application													
Scroby Sands Offshore Wind Farm	The Crown Estate	High	60 MW capacity	Operational													
Sea Stacks – Offshore Wind Project	4C Offshore	Low	Proposed offshore windfarm. Expected 800 MW Capacity. Area - 160 km². Off the coast of South Dublin and North Wicklow.	Pre-application													
Seagreen Phase 1 Offshore Transmission Connection	Crown Estate Scotland	High	The offshore transmission assets for the first 114 wind turbines of the Seagreen wind farm, connecting to Tealing, Angus.	Operational													
Seagreen Phase 1A Offshore Transmission Connection	Crown Estate Scotland	High	The connection of the remaining 36 consented turbines of the Seagreen project into Cockenzie.	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

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					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
SEAI SAIPAM Site Investigation for Floating Offshore Wind testing at AMETS Site Mayo	Irish Government	High	Site Investigation for Accelerating market uptake of Floating Offshore Wind Technology testing/demonstrating of Offshore Floating Wind technology. Sub-bottom Profiling and Cone Penetration Testing to inform on the proposed deployment of a turbine of up to 6 MW at Atlantic Marine Energy Test Site in partnership with SEAI off the west coast of Co. Mayo. MBES, SSS, SBP, CPT and benthic sampling.	Permitted but not yet implemented													
Seastar (Seamade) Offshore Wind Farm	EMODnet	Medium	Inaugrated in October 2021. 252 MW capacity.	Operational													
Shearwater One Floating	Shearwater Energy	High	1,000 MW site, Floating offshore wind, 70 x 15 MW wind turbines.	Pre-Application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Offshore Wind Farm																	
Shelmalere Offshore Wind Farm	4C Offshore	Low	Expected to have a capacity of 1 GW. Planning consent application expected to be submitted 2024, construction to commence 2028 and comissioning in 2030	Pre-application													
Shelmalere Offshore Wind Farm - Site Investigations off Counties Wexford and Wicklow	Irish Government	High	Hydrographical, geographical, geotechnical, ecological and geophysical survey activities.	Submitted but not yet determined													
Sheringham and Dudgeon Extension Projects (formerly Sheringham Shoal Extension	The Crown Estate	High	Joint offshore wind farm application with Dudgeon Extension. Shared point of connection at the National Grid Norwich Main substation. These extension projects will have a combined	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Offshore Wind Farm)			generating capacity of 719 MW.														
Sheringham Shoal Offshore Wind Farm	The Crown Estate	High	317 MW capacity	Operational													
Simply Blue Emerald – Offshore Wind Project	Irish Government	High	Proposed offshore wind farm with a capacity of up to 1 GW.	Pre-application													
Simply Blue Energy (Kinsale) Limited surveys	Irish Government	High	Geophysical, benthic sampling, geotechnical, wind resource monitoring, metocean surveys, nearshore and intertidal survey, bird and marine mammal surveys. The intention is to begin Geophysical Survey activities in spring/summer 2021 with a staged series of investigations over the subsequent five years as the project reaches the detailed design stage. No licence issued.	Submitted but not yet determined													



## MONA OFFSHORE WIND PROJECT

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					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Sinclair Floating Offshore Wind Project	BlueFloat Energy and Renantis	High	99.5M W offshore wind power project. It is planned in the North Sea, Scotland.	Pre-application													
Site Investigation Licence for Windfarm off Helvick Head	Irish Government	High	Geophysical, geotechnical, archaeological, ecological, and oceanographic and meteorological surveys.	Operational													
Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin	Irish Government	High	The following types of surveys will be carried out: • Geotechnical surveys • Geophysical surveys (including archaeology and UXO) • Benthic survey programme on the basis of geophysical data • Wind resource monitoring • Metocean surveys • Bird and marine mammal surveys.	Submitted but not yet determined													
Site Investigations for the	Irish Government	High	Geophysical, archaeology, subtidal benthic, seabed and marine mammal, wind	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
proposed Kinsale Project offshore wind farm, off County Cork			and current resource measurement, geotechnical surveys, Duration of deployments is expected to be between 12 and 36 months.														
Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow	Irish Government	High	Geophysical, geotechnical, oceanographic and metocean, ecological and archaeological surveys.	Submitted but not yet determined													
Site Investigations for the proposed Wicklow Project offshore wind farm, off County Wicklow	Irish Government	High	Geophysical, archaeology, subtidal benthic, seabed and marine mammal, project and current resource measurement, geotechnical surveys.	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
SmartBay Offshore Test Site	Irish Government	High	Ireland’s national marine test and demonstration facility, 4.5 km east of Spiddal and 1.5 km offshore.	Operational													
South Irish Sea Project – Offshore Wind Project	South Irish Sea Wind	Medium	Offshore wind project proposed to be located a minimum of 10 km and up to 25 km off the coasts of Wexford and south Wicklow.	Pre-application													
South Pembrokeshire Demonstration Zone	EMODnet	Medium	Area - 90 km². It has the potential to support three wave energy arrays of up to 30 MW generating capacity each.	Pre-application													
Spiorad na Mara – Offshore Wind Project	Northland Power ScotWind	High	Comprising up to 66 wind turbines, with an approximate capacity of 840 to 1,000 MW.	Pre-application													
SSE Renewables Celtic Sea surveys	Irish Government	High	Geophysical, geotechnical, wind resource and metocean, topographic, environmental. Licence	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			expected to start in 2019 but no licence issued.														
Statkraft North Irish Sea Array (NISA) Site Investigations	Irish Government	High	Geophysical survey, Geotechnical survey, metocean device, floating lidar, ecology surveys, archaeology surveys.	Operational													
Strangford Lough – Tidal Energy	The Crown Estate	High	Testing of a 3 m wing tidal turbine.	Operational													
Stromar – Floating Offshore Wind Project	Energy-Pedia	High	Offshore floating wind project, 1,000 MW capacity, part of the Scotwind Leasing Round.	Pre-application													
Strumble Head – Tidal Energy	EMODnet	Medium	Tidal energy project near Fishguard.	Pre-application													
Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations	Irish Government	High	Boreholes, CPT, vibrocores, floating lidar deployment, sediment dynamic measurements, beach trial pits.	Operational													
Talisk offshore wind project	Magnora	High	Total capacity 500 MW, floating offshore wind	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			farm. 35 km offshore from the Western Isles.														
Teesside Offshore Wind Farm	The Crown Estate	High	62.1 MW capacity. Area - 10 km².	Operational													
Thanet Offshore Wind Farm	The Crown Estate	High	300 MW capacity. Area - 13.5 km².	Operational													
Thortonbank OEF (C-Power (Zone B))	EMODnet	Medium	325 MW capacity. Area - 19.84 km².	Operational													
Tralee offshore wind project	Mainstream	Low	Capacity of up to 2.5 GW.	Pre-application													
Triton Knoll Offshore Wind Farm	The Crown Estate	High	857 MW capacity.	Operational													
Tulca Offshore Array Phase 1	Tulca Offshore Wind	High	First stage of Tulca Offshore Array. Surveys to set up second phase.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)											
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Tulca Offshore Array Phase 2	Tulca Offshore Wind	High	Second stage of Tulca Offshore Array.	Pre-application												
Twin Hub	Hexicon AB	High	Two floating offshore wind platforms, each with two wind turbines. Installed capacity of 32 MW.	Permitted but not yet implemented												
Urban Sea offshore wind project	Enterprize Energy PTE. Ltd.	High	Floating offshore wind farm off the south east coast of Ireland.	Pre-application												
Valentia Phase 1 offshore wind project	Valentia Island Energy Ltd	High	Up to 92 floating wind rutbines, potentially split between two array areas, capacity up to 920 MW.	Pre-application												
Valentia Phase 2 offshore wind project	Valentia Island Energy Ltd	High	Up to 62 floating wind turbines, capacity up to 620 MW.	Pre-application												
Voyage offshore wind project	Voyage Offshore Array Limited	High	Floating offshore wind farm off the south coast of Ireland, predominantly off County Waterford.	Pre-application												

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Walney 1 Offshore Wind Farm	The Crown Estate	High	183.6 MW capacity. Area - 36.5 km <sup>2</sup> .	Operational													
Walney 1&2 Offshore Wind Farms O&M Marine Licence	Marine Management Organisation	High	Removal of marine growth and/or guano, replacement of corrosion protection anodes, painting or other coatings, modifications to J-tubes, replacement of access ladders, major component replacement.	Operational													
Walney 2 Offshore Wind Farm	The Crown Estate	High	183.6 MW capacity. Area - 36.5 km <sup>2</sup> .	Operational													
Walney 2 Offshore Wind Farm, Composite Operational and Maintenance (O&M) Marine Licence Application	MMO	High	This licence allows for the recovery, repair and replacement of up to 4 breakages over the lifetime of the cable, with each breakage up to 0.2 km.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Walney Extension 3 Offshore Wind Farm	The Crown Estate	High	330 MW capacity.	Operational													
Walney Extension 4 Offshore Wind Farm	The Crown Estate	High	329 MW capacity.	Operational													
Walney Extension pontoon/jetty dredging and disposal	Marine Management Organisation	High	A Marine Licence is being sought for dredging and associated disposal activities for the Walney Extension Offshore Wind Farm operations and maintenance (O&M) base at the Port of Barrow.	Operational													
Walney Extension pontoon/jetty dredging and disposal	Marine Management Organisation	High	A Marine Licence is being sought for dredging and associated disposal activities for the Walney Extension Offshore Wind Farm operations and maintenance (O&M) base at the Port of Barrow.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Walney Offshore Wind Farm Operational Marine Licence - Inter Array Cable Repair	Marine Management Organisation	High	A maximum of 10 cable repairs or replacements over the remaining lifetime of the project.	Operational													
Walney Offshore Wind Farm Operational Marine Licence - Phase 1 Export Cable	Marine Management Organisation	High	An operational marine licence is sought for emergency export cable repairs over the operational life time of the Walney Offshore Wind Farm export cables.	Operational													
Walney Offshore Wind Farm Operational Marine Licence - Phase 2 Export Cable	Marine Management Organisation	High	An operation Marine Licence is sought for emergency export cable repairs over the operational life time of the Walney Offshore Wind Farm export cables.	Operational													
Walney Offshore Wind Farm, Composite Operational	Marine Management Organisation	High	This licence allows for the recovery, repair and replacement of up to 4 breakages over the lifetime of the cable, with	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
and Maintenance (O&M) Marine Licence Application			each breakage up to 0.2 km.														
Walney Extension blade tip boosters	Marine Management Organisation	High	This licence allows for adding aerodynamic tip boosters to each blade (87 wind turbines so 261 total blades), which will increase the rotor diameters for Walney 3 from 164 m to 165 m, and from 154 m to 155.3 m for Walney 4.	Operational													
Wave Dragon Project Milla Fjord – Wave Energy Project	EMODnet	Medium	Wave energy project approximately 20 km off Pembrokeshire.	Operational													
WaveHub (Hayle)	EMODnet	Medium	20 MW capacity.	Operational													
Morlais	The Crown Estate	High	35 km <sup>2</sup> . The application was submitted in the autumn of 2019 consent	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			was awarded in December 2021. 240 MW														
West Ireland Offshore Wind Farm	EMODnet	Medium	2,000 MW capacity	Pre-application													
West of Duddon Sands Offshore Wind Farm	The Crown Estate	High	389 MW capacity.	Operational													
West of Duddon Sands Offshore Wind Farm O&M Marine Licence	Marine Management Organisation	High	Removal of marine growth and/or guano, replacement of corrosion protection anodes, painting or other coatings, modifications to J-tubes, replacement of access ladders, major component replacement.	Operational													
West of Orkney Wind Farm	Crown Estate Scotland	High	Offshore wind project comprising up to 125 wind turbines, 30 km from the coast of Orkney. 2,000 MW capacity.	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Westermost Rough Offshore Wind Farm	The Crown Estate	High	210 MW capacity. Area - 35 km².	Operational													
Westray South	TETHYS	High	Proposed 200 MW tidal array, 24 km north of Kirkwall.	Pre-application													
White Cross	WhiteCross	High	100 MW site. Planned floating offshore wind farm off the coast of Pembrokeshire. Comprises up to 18 wind turbines.	Pre-Application													
Yell Sound Array	Offshore Engineer	High	15 MW tidal array.	Permitted but not yet implemented													
Ynys Enlli Tidal Energy	The Crown Estate	High	Nova’s Ynys Enlli Tidal Energy project will involve placing an array of their M100 100 kW turbines in Swnt Enlli (Bardsey Sound) between Ynys Enlli (Bardsey Island) and the Llŷn Peninsula mainland in north Wales.	Pre-application													



## MONA OFFSHORE WIND PROJECT

### 1.9 Offshore cumulative effects matrix – offshore renewable energy – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Aberdeen Offshore Wind farm	395.7	414.3	d	d	d	d	d	d	d	d	d	d	d	a
Aniar Offshore Array Phase 1 offshore wind project	322.5	330.5	d	d	d	c	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Aniar Offshore Array Phase 2 offshore wind project	341.6	350.4	d	d	d	c	d	d	d	d	d	d	d	d	d
Arklow Bank Phase 1 Offshore Wind Farm	146.7	150.9	d	d	d	a	a	a	a	d	d	d	d	d	a
Arklow Bank Wind Park Phase 2	146.7	142.8	d	d	d	c	c	d	d	d	d	d	d	d	d
Arranmore offshore wind project	338.3	348.7	d	d	d	c	d	d	d	d	d	d	d	d	d
Arven Offshore Wind Farm	743.0	761.5	d	d	d	d	d	a	d	d	d	d	d	d	d
Atlantic Marine Energy Test Site (AMETS) - test area A	409.9	417.5	d	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Atlantic Marine Energy Test Site (AMETS) - test area B	401.6	409.1	d	d	d	a	d	a	d	d	d	d	d	d	a
Awel y Môr Offshore Wind Farm	13.5	3.6	c	c	c	c	c	c	c	d	c	c	c	c	c
Ayre Offshore Wind Farm	563.33	583.23	d	d	d	d	d	d	d	d	d	d	d	d	d
Barrow Offshore Wind Farm	43.3	53.9	d	b	a	a	a	d	a	d	a	b	b	c	a
Barrow Offshore Wind Farm Export Cable Repair and Remediation	46.3	56.2	d	c	a	a	a	a	a	d	d	d	d	d	a
Barrow Offshore Wind Farm O&M Marine Licence	43.3	53.9	d	c	a	a	d	a	a	d	d	d	d	d	a



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
BayWa – Floating Offshore Wind Project	521.2	539.5	d	d	d	d	d	a	e	d	d	d	d	d	d
Beatrice Offshore Wind Farm	563.3	275.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Bellrock Offshore Wind Farm	408.4	517.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Belwind phase 1 Offshore Wind Farm	494.8	469.6	d	d	d	d	d	d	d	d	d	d	d	d	a
Belwind phase 2 (Nobelwind) (Zone 1) Offshore Wind Farm	493.9	468.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Belwind phase 2 (Nobelwind) (Zone 2) Offshore Wind Farm	497.5	472.1	d	d	d	d	d	a	d	d	d	d	d	d	a
Berwick Bank Wind Farm	258.4	275.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Billia Croo Wave Test Site	574.22	594.24	d	d	d	d	d	d	d	d	d	d	d	d	d
Blackwater Offshore Wind Farm	239.4	228.2	d	d	d	c	c	a	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Bluemull Sound Tidal Array	787.3	807.0	d	d	d	a	d	a	d	d	d	d	d	d	a
Blyth Demo Offshore Wind Farm Phase 1	219.4	230.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Blyth Demo Offshore Wind Farm Phases 2&3	225.4	236.4	d	d	d	d	d	a	d	d	d	d	d	d	d
Bore Array offshore wind project	247.7	237.2	d	d	d	c	c	d	d	d	d	d	d	d	d
Borssele Kavel I Offshore Wind Farm	503.1	478.4	d	d	d	d	d	d	d	d	d	d	d	d	a
Borssele Kavel II Offshore Wind Farm	509.8	485.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Borssele Kavel III Offshore Wind Farm	501.3	476.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Borssele Kavel IV - Offshore Wind Farm	490.5	465.5	d	d	c	d	d	d	d	d	d	d	d	d	a
Borssele Kavel V - Offshore Wind Farm	505.9	481.0	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Setanta Offshore Wind Project	114.1	119.3	d	d	d	c	c	f	d	d	d	d	d	d	d
Bowdun Offshore Wind Farm	379.75	396.60	d	d	d	d	d	d	d	d	d	d	d	d	d
Braymore Point site investigation	114.1	119.3	d	d	d	a	d	a	d	d	d	d	d	d	a
Broadshore – Offshore Wind Project	496.9	423.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Buchan Deep Demo – Floating Offshore Wind Farm	379.8	454.8	d	d	d	d	d	a	d	d	d	d	d	d	a
Buchan Offshore Wind Farm	496.9	539.5	d	d	d	d	d	a	d	d	d	d	d	d	d
Burbo Bank Offshore Wind Farm	40.3	32.8	d	b	a	a	b	b	a	d	a	b	b	c	a
Burbo Bank Offshore Wind Farm cable repair and remediation	34.1	9.4	d	c	a	a	d	a	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Burbo Bank Extension Offshore Wind Farm	30.6	26.1	d	b	a	a	b	d	a	d	a	b	b	c	a
Burbo Bank Extension Offshore Wind Farm – Array cable repair and remediation activities	30.6	26.1	d	c	a	a	d	d	a	d	d	d	d	d	a
Burbo Bank Extension Offshore Wind Farm – Export cable repair and remediation activities	34.6	20.8	d	c	a	a	d	a	a	d	d	d	d	d	a
Burbo Bank Offshore Wind Farm - O&M Marine Licence for Export Cable Repair/Remediation Activities	40.3	32.8	d	c	a	a	d	d	a	d	d	d	d	d	a
Réalt na Mara	141.9	137.8	d	d	d	e	e	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Caledonia Offshore Wind Project	475.8	497.1	d	d	d	d	d	d	d	d	d	d	d	d	d
CampionWind Offshore Wind Project	444.8	460.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Celtic Horizon offshore wind project	248.6	238.5	d	d	d	c	c	d	d	d	d	d	d	d	d
Celtic One Fixed Offshore Wind Farm	306.7	299.6	d	d	d	e	e	d	e	d	d	d	d	d	d
Celtic Sea Array Offshore Wind Farm	239.1	231.4	d	d	d	c	c	a	d	d	d	d	d	d	d
Celtic Two – Floating Offshore Wind Project	327.7	319.6	d	d	d	e	e	d	e	d	d	d	d	d	d
Centre-Manche 1 Offshore Wind Farm	457.0	419.3	d	d	d	d	d	d	d	d	d	d	d	d	a
Centre-Manche 2 Offshore Wind Farm	461.0	424.0	d	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Clarus Offshore Wind Farm	399.7	402.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Clarus Offshore Wind Farm - Site Investigations off Counties Kerry and Clare	374.0	375.5	d	d	d	d	d	a	d	d	d	d	d	d	a
Clogher Head Offshore Wind Farm	123.0	129.3	d	d	d	c	c	a	e	d	d	d	d	d	d
Cluaran Deas Ear Offshore Wind Project	379.8	398.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Cluaran Ear-Thuath Offshore Wind farm	444.8	583.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Codling Wind Park Offshore Wind Farm	125.1	123.6	d	d	d	c	c	d	e	d	d	d	d	d	d
Codling Wind Park site investigation Ref No. FS007045	76.3	79.5	d	d	d	a	d	d	d	d	d	d	d	d	a
PLAT-I Floating Tidal Energy	307.0	328.7	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Cooley Point Offshore Wind Farm	118.0	124.4	d	d	d	c	c	d	d	d	d	d	d	d
Cork offshore wind project	427.4	420.7	d	d	d	c	c	d	d	d	d	d	d	d
Courseulles-sur-mer Offshore Wind Farm	504.4	485.5	d	d	d	d	d	d	d	d	d	d	d	a
Deerness – Wave Energy Project	567.6	587.8	d	d	d	d	d	a	d	d	d	d	d	a
DEME – Floating Offshore Wind Project	563.3	583.2	d	d	d	d	d	f	d	d	d	d	d	d
DesignPro Cahiracon Quay Tidal Energy Testing	355.4	357.0	d	d	d	d	d	d	d	d	d	d	d	d
Dieppe - Le Treport – Offshore Wind Farm	508.8	474.3	d	d	c	a	d	a	d	d	d	d	d	a
Dogger Bank B (Sofia) – Offshore Wind Farm	367.2	372.3	d	d	d	d	d	d	d	d	d	d	d	a

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Dogger Bank C (Creyke Beck) – Offshore Wind Farm	437.8	442.5	d	d	d	d	d	d	d	d	d	d	d	a
Dogger Bank D	437.8	442.5	d	d	d	d	d	d	d	d	d	d	d	d
Dogger Bank South (East) – Offshore Wind Farm	369.7	371.9	d	d	d	d	d	d	d	d	d	d	d	e
Dogger Bank South (West) – Offshore Wind Farm	342.8	346.9	d	d	d	d	d	a	d	d	d	d	d	e
Dogger Bank Teeside A – Offshore Wind Farm	372.9	377.3	d	d	d	d	d	d	d	d	d	d	d	a
DONG Energy Burbo (UK) Ltd - Operational Marine Licence Inter Array Cable Repair	40.3	32.8	d	c	a	a	d	e	a	d	d	d	d	a
Draig y Môr – Offshore Wind Farm	68.4	61.4	d	d	e	e	e	d	e	d	d	e	e	c



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Dublin Array Offshore Wind Farm	126.1	129.0	d	d	d	c	c	a	e	d	d	d	d	d	d
Dublin Array site investigation	126.1	129.0	d	d	d	a	d	a	d	d	d	d	d	d	a
Dudgeon Ofshore Wind Farm	341.8	327.9	d	d	d	a	d	a	d	d	d	d	d	d	a
Sheringham and Dudgeon Extension Projects	331.1	317.8	d	d	d	c	d	d	d	d	d	d	d	d	d
Dunkerque Offshore Wind Project	495.2	465.0	d	d	d	d	d	d	d	d	d	d	d	d	d
East Anglia ONE Offshore Wind Farm	444.9	422.9	d	d	d	d	d	d	d	d	d	d	d	d	a
East Anglia ONE NORTH Offshore Wind Farm	429.2	408.0	d	d	d	d	d	d	d	d	d	d	d	d	a
East Anglia THREE Offshore Wind Farm	448.7	430.8	d	d	d	d	d	d	d	d	d	d	d	d	a
East Anglia TWO Offshore Wind Farm	424.4	402.1	d	d	d	d	d	a	d	d	d	d	d	d	a

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
East Celtic offshore wind project	267.4	258.4	d	d	d	c	c	d	d	d	d	d	d	d	d
EMEC Fall of Warness – Tidal Energy	596.1	616.2	d	d	d	d	d	a	d	d	d	d	d	d	a
EMEC Shapinsay Sound – Tidal Energy	581.2	601.4	d	d	d	d	d	a	d	d	d	d	d	d	a
Endurance Carbon Capture	298.7	297.3	d	d	d	d	d	e	d	d	d	d	d	d	d
Energia Site Investigation off Wexford Coast	147.9	141.3	d	d	d	a	d	d	d	d	d	d	d	d	a
Eni Hynet – Carbon Capture Project	12.1	9.5	c	c	c	c	c	d	c	d	c	c	c	d	e
ESB Celtic Offshore Wind - Site Investigations off Waterford and Cork	305.2	298.0	d	d	d	c	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
ESB Wind Development Limited Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow	117.4	119.8	d	d	d	c	d	d	d	d	d	d	d	d
ESB Wind Development Limited Site Investigations off Waterford and Cork Coasts - Helvick Head Offshore Wind	267.8	260.1	d	d	d	c	d	d	d	d	d	d	d	d
FabTest, Falmouth Bay – Renewable Energy Test Site	395.8	365.1	d	d	d	a	d	d	d	d	d	d	d	a
Fair Head – Tidal Array Project	205.6	224.4	d	d	d	d	d	d	d	d	d	d	d	f
Falck Renewables - Floating	522.8	516.1	d	d	d	d	d	d	e	d	d	d	d	d
Fall of Warness Tidal Test Site	591.0	618.5	d	d	d	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Fecamp – Offshore Wind Farm	493.2	456.8	d	d	d	d	d	d	d	d	d	d	d	d	a
Five Estuaries – Offshore Wind Farm	437.0	412.3	d	d	d	d	d	a	d	d	d	d	d	d	e
Floating Power Plant – Ireland – Offshore Wind Project	134.1	137.2	d	d	d	e	e	a	e	d	d	d	d	d	d
Flora – floating innovation project	442.2	459.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Forthwind Methil Demonstration – Offshore Wind	267.9	287.6	d	d	d	d	d	d	d	d	d	d	d	d	a
Fuinneamh Sceirde Teoranta - Site Investigations for the proposed Sceirde Rocks Offshore Wind Farm	387.5	391.1	d	d	d	d	d	d	d	d	d	d	d	d	a
Galloper Offshore Wind Farm	428.3	403.3	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Galway Bay-1 (near Spiddal)	344.6	347.6	d	d	d	a	d	d	d	d	d	d	d	a
Galway Bay-2 (near Spiddal)	384.4	389.1	d	d	d	a	d	d	d	d	d	d	d	a
Greater Gabbard Offshore Wind Farm	424.6	399.2	d	d	d	d	d	a	d	d	d	d	d	a
Green Volt Offshore Wind Farm	491.0	509.2	d	d	d	d	d	d	d	d	d	d	d	a
Greystones Offshore Wind Farm	110.7	112.1	d	d	d	d	d	d	d	d	d	d	d	d
Gunfleet Sands Demo	397.8	369.2	d	d	d	d	d	d	d	d	d	d	d	a
Gunfleet Sands I Offshore Wind Farm	396.7	368.2	d	d	d	d	d	d	d	d	d	d	d	a
Gunfleet Sands II Offshore Wind Farm	398.6	370.1	d	d	d	d	d	d	d	d	d	d	d	a
Gwynt Glas – Floating Offshore Wind Project	283.5	262.4	d	d	d	e	d	a	e	d	d	d	d	e
Gwynt y Môr Offshore Wind Farm	17.8	9.9	b	b	a	a	b	d	a	d	a	b	b	c

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Harris Demonstration Zone	490.3	511.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Havbredey – Floating Offshore Wind Project	560.7	580.7	d	d	d	d	d	f	d	d	d	d	d	d	d
Haven Offshore Array Wind Farm	268.9	290.5	d	d	d	c	d	d	d	d	d	d	d	d	d
Hollandse Kust (West) – Offshore Wind Project	514.3	493.9	d	d	d	d	d	a	d	d	d	d	d	d	d
Hollandse Kust D – Offshore Wind Project	504.3	485.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Hollandse Kust F – Offshore Wind Project	500.0	477.9	d	d	d	d	d	d	d	d	d	d	d	d	a
Holyhead Deep – Tidal Energy	57.9	55.6	d	d	d	d	c	a	e	d	d	d	d	d	e
Holyhead Deep Project , Safety Zone Application	62.3	58.9	d	d	d	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Hornsea Project 1 Offshore Wind Farm	360.1	362.3	d	d	d	d	d	d	d	d	d	d	d	a
Hornsea Project 2 Offshore Wind Farm	346.9	339.8	d	d	d	d	d	d	d	d	d	d	d	a
Hornsea Project 3 Offshore Wind Farm	396.7	390.9	d	d	d	d	d	d	d	d	d	d	d	a
Hornsea Project 4 Offshore Wind Farm	315.2	314.3	d	d	d	d	d	d	d	d	d	d	d	d
Humber Gateway Offshore Wind Farm	267.8	258.7	d	d	d	a	d	d	d	d	d	d	d	a
Ijmuiden Ver Wind Farm Zone	480.4	462.1	d	d	d	d	d	d	d	d	d	d	d	d
Inch Cape Offshore Wind Farm	311.8	328.7	d	d	d	d	d	d	d	d	d	d	d	a
Inch Cape Offshore Wind Farm Transmission	310.8	266.9	d	d	d	d	d	d	d	d	d	d	d	a
Inis Eagla Marine Energy Park Ltd site investigations	288.4	282.7	d	d	d	d	d	a	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Inis Ealga Marine Energy Park	302.4	292.0	d	d	d	c	c	e	d	d	d	d	d	d	d
Inis Offshore Wind Munster	384.0	387.1	d	d	d	c	d	e	d	d	d	d	d	d	d
Inner Dowsing Offshore Wind Farm	284.8	269.1	d	d	d	a	d	a	d	d	d	d	d	d	a
Islay Community Demonstration	259.9	278.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Kentish Flats Extension Offshore Wind Farm	405.3	375.1	d	d	d	d	d	d	d	d	d	d	d	d	a
Kentish Flats Offshore Wind Farm	406.4	376.2	d	d	d	d	d	d	d	d	d	d	d	d	a
Kilmichael Point Offshore Wind Farm	159.7	154.3	d	d	d	e	e	d	d	d	d	d	d	d	d
Kincardine – Floating Offshore Wind Project	247.5	394.2	d	d	d	d	d	a	d	d	d	d	d	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Latitude 52 Array – Offshore Wind Project	128.0	124.7	d	d	d	e	e	d	d	d	d	d	d	d	d
Lincs Offshore Wind Farm	285.9	270.3	d	d	d	a	d	a	d	d	d	d	d	d	a
Lir offshore wind project	85.9	90.4	d	d	c	c	c	d	e	d	d	e	e	d	d
Llŷr 1 Offshore Wind Project	267.0	246.0	d	d	d	c	c	d	d	d	d	d	d	d	e
Llŷr 2 Offshore wind Project	263.2	240.1	d	d	d	c	c	d	d	d	d	d	d	d	e
Llŷwelyn Offshore Wind Project	290.2	269.4	d	d	d	d	e	a	d	d	d	d	d	d	e
Loch Garman Offshore Wind Farm	170.6	163.3	d	d	d	e	e	d	d	d	d	d	d	d	d
London Array Offshore Wind Farm	415.1	386.7	d	d	d	d	d	a	d	d	d	d	d	d	a
Lynn Offshore Wind Farm	286.0	269.5	d	d	d	a	d	a	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Machair Wind – Hybrid Energy Project	276.8	300.2	d	d	d	c	d	d	d	d	d	d	d	d	d
Mac Lir offshore wind project	135.1	133.2	d	d	d	c	c	d	d	d	d	d	d	d	d
Magnora – Offshore Wind Project	566.8	586.5	d	d	d	d	d	a	d	d	d	d	d	d	d
Malin	245.9	262.3	d	d	d	c	d	a	e	d	d	d	d	d	a
Mara Mhor Offshore Wind Farm	566.8	463.6	d	d	d	d	d	a	d	d	d	d	d	d	d
Marine Energy Test Areas (META)	223.6	198.4	d	d	d	a	d	a	d	d	d	d	d	d	a
MarramWind	281.0	300.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Merlin – Floating Offshore Wind Project	343.6	317.8	d	d	d	e	d	a	d	d	d	d	d	d	d
Mermaid Offshore Wind Farm	487.6	461.3	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Mersey Tidal Power	57.2	40.1	d	e	e	d	d	d	e	d	d	d	d	d
META Phase 2 demonstration zones	222.8	197.3	d	d	d	a	d	d	d	d	d	d	d	a
MeyGen Tidal Energy Project	541.8	561.9	d	d	d	d	d	f	d	d	d	d	d	a
Moneypoint One offshore wind project	441.2	443.0	d	d	d	c	d	d	d	d	d	d	d	d
Moor Vannin	34.5	59.9	d	c	c	c	c	c	c	d	c	c	c	e
Moray East Offshore Transmission Connection	491.8	458.9	d	d	d	d	d	d	d	d	d	d	d	a
Moray Offshore Windfarm (East)	438.9	498.5	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Moray West Offshore Wind Farm	478.2	489.4	d	d	d	d	d	d	d	d	d	d	d	a
Moray West Offshore Transmission Connection	469.2	496.4	d	d	d	d	d	d	d	d	d	d	d	a
Morecambe Net Zero Cluster	24.5	39.9	e	e	e	d	e	d	e	d	c	e	e	d
Morecambe Offshore Windfarm Generation Assets	8.9	20.2	c	c	c	c	c	c	c	d	c	c	c	c
Morgan and Morecambe Offshore Windfarms Transmission Assets	8.9	20.1	c	c	c	c	c	c	c	d	c	c	c	c
Morgan Offshore Wind Project Generation Assets	11.1	31.1	c	c	c	c	c	c	c	d	c	c	c	c
Morven Offshore Wind Project	357.3	372.4	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Morwind – Floating Offshore Wind Project	325.5	298.5	d	d	d	d	d	d	d	d	d	d	d	d
Muir Mhòr Offshore Wind Farm	447.5	464.9	d	d	d	d	d	d	d	d	d	d	d	d
Neart Na Gaoithe Offshore Wind	357.3	305.7	d	d	d	d	d	d	d	d	d	d	d	a
Neart na Gaoithe Offshore Transmission Connection	288.1	309.5	d	d	d	d	d	a	d	d	d	d	d	a
Ness of Duncansby	541.9	562.1	d	d	d	d	d	f	d	d	d	d	d	d
New Mooring - Deer Sound, Orkney	578.0	598.2	d	d	d	d	d	d	d	d	d	d	d	d
Nomadic offshore wind project	254.0	271.0	d	d	d	c	c	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Norfolk Boreas Offshore Wind Farm	434.6	425.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Norfolk Vanguard East And West Offshore Wind Farm	414.3	397.5	d	d	d	d	d	a	d	d	d	d	d	d	a
Normandy, Raz Blanchard Tidal Project	448.9	411.2	d	d	d	d	d	d	d	d	d	d	d	d	e
North Celtic Sea Offshore Wind Farm	256.4	248.8	d	d	d	c	c	a	d	d	d	d	d	d	d
North Channel Wind 1 – Floating Offshore Wind Project	157.3	180.9	d	d	d	c	c	d	e	d	d	d	d	d	e
North Channel Wind 2 – Floating Offshore Wind Project	128.5	151.5	d	d	d	c	c	d	e	d	d	d	d	d	e
North Falls Offshore Wind Farm	422.3	397.0	d	d	d	d	d	a	d	d	d	d	d	d	e
North Hoyle Offshore Wind Farm	29.6	13.6	b	b	a	a	a	d	a	d	a	b	b	c	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
North Irish Sea Array Offshore Wind Farm	114.2	118.6	d	d	d	c	c	d	d	d	d	d	d	d	d
Norther Offshore Wind farm	512.9	486.9	d	d	d	d	d	a	d	d	d	d	d	d	a
Northwester 2 Offshore Wind Farm	490.3	464.9	d	d	d	d	d	d	d	d	d	d	d	d	a
Northwind Offshore Wind Farm	503.3	477.6	d	d	d	d	d	d	d	d	d	d	d	d	a
Ocean Quest Tidal Turbine	523.2	486.3	d	d	d	a	d	f	d	d	d	d	d	d	a
Arven South	734.3	753.3	d	d	d	d	d	a	e	d	d	d	d	d	d
Operation and maintenance activities at North Hoyle Offshore Wind Farm	29.6	13.6	c	c	a	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Operation and maintenance activities at Rhyl Flats Offshore Wind Farm	24.8	3.8	c	c	a	a	d	d	a	d	d	d	d	d	a
Oran na Mara Tidal Energy	264.0	284.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Oriel Offshore Wind Farm	130.4	138.1	d	d	d	c	c	d	d	d	d	d	d	d	d
Ormonde Offshore Wind Farm	44.0	58.0	d	b	a	a	b	a	a	d	a	b	b	c	a
Ormonde Offshore Wind Farm Export Cable Repair and Remediation	45.7	56.9	d	c	a	a	d	a	a	d	d	d	d	d	a
Ormonde Offshore Wind Farm O&M Marine Licence	44.0	58.0	d	c	a	a	d	d	a	d	d	d	d	d	a
Ossian Wind Farm	375.3	389.6	d	d	d	d	d	d	d	d	d	d	d	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Outer Dowsing Offshore Wind Farm	317.9	306.8	d	d	d	d	d	d	d	d	d	d	d	e
Paimpol-Brehat Tidal Energy	530.3	493.6	d	d	d	d	d	f	d	d	d	d	d	a
Péarla Offshore Wind Farm	292.2	281.2	d	d	d	c	c	d	d	d	d	d	d	d
Pentland Floating Offshore Win Farm	105.5	557.5	d	d	d	c	d	a	d	d	d	d	d	d
Perpetuus Tidal Energy Centre	380.8	343.3	d	d	d	a	d	a	d	d	d	d	d	a
Project Erebus – Floating Offshore Wind Project	259.9	240.2	d	d	d	c	c	d	d	d	d	d	d	a
Project Ilén Wave Energy	392.5	395.4	d	d	d	c	c	d	d	d	d	d	d	d
Project Saoirse – Floating Offshore Wind Project	394.2	396.7	d	d	d	d	e	d	d	d	d	d	d	d
Project Valorous – Floating Offshore Wind Project	271.7	252.4	d	d	d	c	c	a	d	d	d	d	d	e

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
QUB Tidal demonstration test site	117.9	133.1	d	d	d	a	d	d	d	d	d	d	d	a
Race Bank Offshore Wind Farm	305.0	291.2	d	d	d	d	d	d	d	d	d	d	d	a
Rampion 2 (Rampion Extension) Offshore Wind Farm	394.8	358.1	d	d	d	d	c	d	d	d	d	d	d	a
Rampion Offshore Wind Farm	401.2	365.1	d	d	d	a	b	a	d	d	d	d	d	a
Ramsey Sound Regeneration Project	212.9	193.7	d	d	d	d	d	d	d	d	d	d	d	d
Realt na Mara offshore wind project	117.3	119.7	d	d	d	c	c	d	e	d	d	d	d	e
Rentel Offshore Wind Farm	505.6	479.9	d	d	d	d	d	d	d	d	d	d	d	a
Rhyl Flats Offshore Wind Farm	25.6	3.8	b	b	a	a	b	d	a	d	a	b	b	c
Rian Offshore Array Phase 1	487.9	490.5	d	d	d	c	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Rian Offshore Array Phase 2	511.5	513.6	d	d	d	c	d	d	d	d	d	d	d	d
Robin Rigg Offshore Wind Farm Operational Marine Licence - Export Cable	100.3	121.4	d	d	d	a	d	a	a	d	d	d	d	a
Robin Rigg East offshore wind project	105.5	125.8	d	d	d	a	b	d	b	d	d	b	b	a
Robin Rigg West Offshore Wind Farm	98.6	126.0	d	d	d	a	b	a	d	d	a	b	b	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Routine operational and maintenance activities at five Offshore Substations (Barrow, Ormonde, Lincs, Westernmost Rough, and Gunfleet Sands)	50.3	54.0	d	d	d	a	d	d	a	d	d	d	d	d	a
RWE Renewables Ireland Site Investigations for Dublin Array Offshore Wind Farm	126.1	129.0	d	d	d	c	d	a	d	d	d	d	d	d	d
Saint-Brieuc Offshore Wind Farm	526.0	488.9	d	d	d	a	d	f	d	d	d	d	d	d	a
Salamander Offshore Wind Farm	453.4	470.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Scapa Flow Wave Test Site	568.5	588.7	d	d	d	d	d	d	d	d	d	d	d	d	d
Scarben Floating Offshore Wind Project	507.4	526.3	d	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Sceirde (Skerd) Rocks Windfarm	391.7	395.3	d	d	d	e	d	d	d	d	d	d	d	a
Sceirde (Skerd) Rocks Windfarm	391.7	395.3	d	d	d	d	d	d	d	d	d	d	d	d
Scroby Sands Offshore Wind Farm	387.6	367.6	d	d	d	d	d	e	d	d	d	d	d	a
Sea Stacks – Offshore Wind Project	110.0	112.0	d	d	d	e	e	a	e	d	d	d	d	d
Seagreen Phase 1 Offshore Transmission Connection	326.9	355.2	d	d	d	d	d	d	d	d	d	d	d	a
Seagreen Phase 1 Windfarm	247.5	344.2	d	d	d	d	d	a	d	d	d	d	d	a
Seagreen Phase 1A Offshore Transmission Connection	387.6	266.9	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
SEAI SAIPAM Site Investigation for Floating Offshore Wind testing at AMETS Site Mayo	396.7	404.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Seastar (Seamade) Offshore Wind Farm	499.9	474.2	d	d	d	d	d	a	d	d	d	d	d	d	a
Shearwater One Floating Offshore Wind Farm	266.4	288.3	d	d	d	d	d	d	e	d	d	d	d	d	d
Shelmalere Offshore Wind Farm	177.3	168.9	d	d	d	c	c	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Shelmalere Offshore Wind Farm - Site Investigations off Counties Wexford and Wicklow	164.6	160.4	d	d	d	c	d	d	d	d	d	d	d	d
Sheringham and Dudgeon Extension Projects	328.0	309.4	d	d	d	d	d	d	d	d	d	d	d	a
Sheringham Shoal Offshore Wind Farm	324.9	312.5	d	d	d	d	d	d	d	d	d	d	d	a
Simply Blue Emerald – Offshore Wind Project	338.8	331.3	d	d	d	c	c	d	d	d	d	d	d	d
Simply Blue Energy (Kinsale) Limited surveys	338.8	331.3	d	d	d	c	d	a	d	d	d	d	d	d
Site Investigation Licence for Windfarm off Helvick Head	256.4	248.8	d	d	d	a	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin	124.7	125.2	d	d	d	c	d	f	d	d	d	d	d	d
Site Investigations for the proposed Kinsale Project offshore wind farm, off County Cork	363.9	357.0	d	d	d	c	d	d	d	d	d	d	d	d
Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow	115.6	118.6	d	d	d	c	d	d	d	d	d	d	d	a
Site Investigations for the proposed Wicklow Project offshore wind farm, off County Wicklow	129.9	125.7	d	d	d	c	d	d	d	d	d	d	d	d
SmartBay Offshore Test Site	349.5	352.6	d	d	d	a	d	d	d	d	d	d	d	a



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
South Irish Sea Project – Offshore Wind Project	147.9	141.3	d	d	d	e	e	d	d	d	d	d	d	d	d
South Pembrokeshire Demonstration Zone	252.2	225.2	d	d	d	c	c	a	d	d	d	d	d	d	f
Spiorad na Mara – Offshore Wind Project	533.0	552.5	d	d	d	c	d	f	e	d	d	d	d	d	d
SSE Renewables Celtic Sea surveys	239.1	231.4	d	d	d	c	d	a	d	d	d	d	d	d	d
Statkraft North Irish Sea Array (NISA) Site Investigations	114.2	119.5	d	d	d	c	d	d	d	d	d	d	d	d	a
Strangford Lough – Tidal Energy	118.5	131.9	d	d	d	a	a	d	d	d	d	d	d	d	a
Stromar – Floating Offshore Wind Project	522.8	542.6	d	d	d	d	d	a	d	d	d	d	d	d	d
Strumble Head – Tidal Energy	190.8	168.8	d	d	d	d	d	d	d	d	d	d	d	d	e

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations	146.7	142.8	d	d	d	d	d	d	d	d	d	d	d	a
Talisk offshore wind project	560.7	580.7	d	d	d	c	c	d	d	d	d	d	d	d
Teesside Offshore Wind Farm	203.4	211.0	d	d	d	d	d	d	d	d	d	d	d	a
Thanet Offshore Wind Farm	436.8	407.7	d	d	d	d	d	a	d	d	d	d	d	a
Thortonbank OEF (C-Power (Zone B))	511.3	481.9	d	d	d	d	d	a	d	d	d	d	d	a
Tralee offshore wind project	414.0	416.1	d	d	d	c	c	d	d	d	d	d	d	e
Triton Knoll Offshore Wind Farm	297.9	286.1	d	d	d	d	d	d	d	d	d	d	d	a

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Tulca Offshore Array Phase 1	411.1	404.8	d	d	d	e	d	d	d	d	d	d	d	d
Tulca Offshore Array Phase 2	409.5	403.1	d	d	d	c	d	d	d	d	d	d	d	d
Twin Hub	377.1	350.9	d	d	d	c	c	d	d	d	d	d	d	a
Urban Sea offshore wind project	475.8	472.1	d	d	d	c	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Valentia Phase 1 offshore wind project	498.8	498.1	d	d	d	c	d	d	d	d	d	d	d	d	d
Valentia Phase 2 offshore wind project	501.2	501.4	d	d	d	c	d	d	d	d	d	d	d	d	d
Voyage offshore wind project	337.9	326.9	d	d	d	c	c	d	d	d	d	d	d	d	d
Walney 1 Offshore Wind Farm	35.4	49.6	d	b	a	a	b	d	a	d	a	b	b	c	a
Walney 1&2 Offshore Wind Farms O&M Marine Licence	34.1	49.6	d	a	a	a	d	d	a	d	d	d	d	d	a
Walney 2 Offshore Wind Farm	34.1	51.5	d	b	a	a	b	d	a	d	a	b	b	c	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Walney 2 Offshore Wind Farm, Composite Operational and Maintenance (O&M) Marine Licence Application	38.6	52.5	d	c	a	a	d	d	a	d	d	d	d	d	a
Walney Extension 3 Offshore Wind Farm	31.6	53.6	d	b	a	a	b	d	a	d	a	b	b	c	a
Walney Extension 4 Offshore Wind Farm	30.7	47.8	d	b	a	a	b	d	a	d	a	b	b	c	a
Walney Extension pontoon/jetty dredging and disposal	55.8	67.1	d	d	d	a	d	a	a	d	d	d	d	d	a
Walney Extension pontoon/jetty dredging and disposal	46.0	55.3	d	c	a	a	d	a	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Walney Offshore Wind Farm Operational Marine Licence - Inter Array Cable Repair	35.4	49.6	d	c	a	a	d	a	a	d	d	d	d	d	a
Walney Offshore Wind Farm Operational Marine Licence - Phase 1 Export Cable	39.0	53.6	d	c	a	a	d	d	a	d	d	d	d	d	a
Walney Offshore Wind Farm Operational Marine Licence - Phase 2 Export Cable	38.6	52.5	d	c	a	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

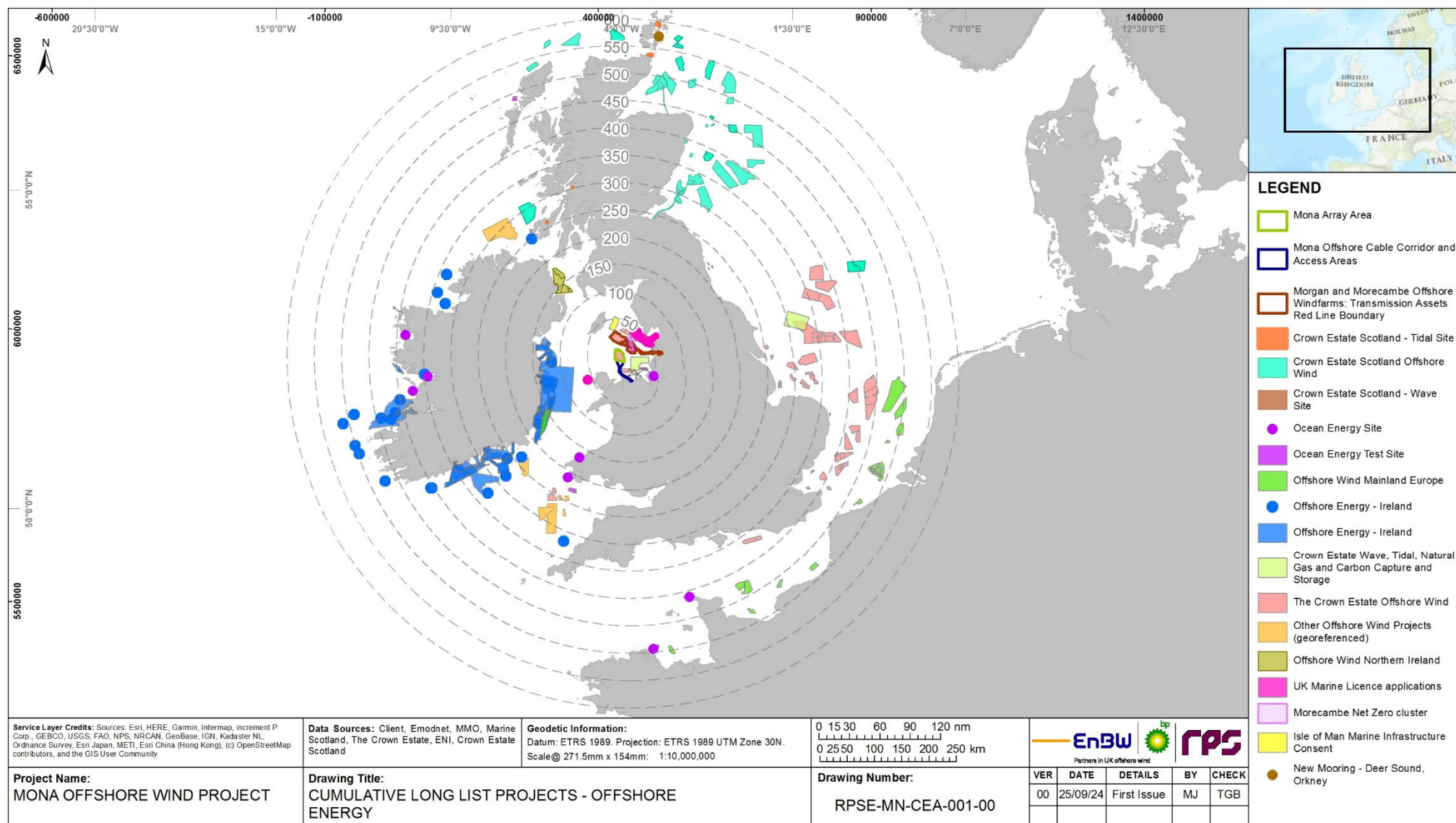
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Walney Offshore Wind Farm, Composite Operational and Maintenance (O&M) Marine Licence Application	39.0	53.6	d	c	a	a	d	d	a	d	d	d	d	d	a
Walney Extension blade tip boosters	30.7	47.8	d	d	d	d	b	d	b	d	d	c	c	d	a
Wave Dragon Project Milla Fjord – Wave Energy Project	232.8	211.2	d	d	d	a	d	a	d	d	d	d	d	d	a
WaveHub (Hayle)	377.1	350.9	d	d	d	a	a	d	d	d	d	d	d	d	a
Morlais	53.8	50.6	d	d	d	c	c	a	d	d	d	d	d	d	a
West Ireland Offshore Wind Farm	369.7	382.7	d	d	d	c	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
West of Duddon Sands Offshore Wind Farm	31.9	43.9	d	b	a	a	b	a	a	d	a	b	b	c	a
West of Duddon Sands Offshore Wind Farm O&M Marine Licence	31.9	43.9	d	a	a	a	d	d	a	d	d	d	d	d	a
West of Orkney Wind Farm	553.9	573.9	d	d	d	d	c	f	d	d	d	d	d	d	d
Westernmost Rough Offshore Wind Farm	257.2	250.8	d	d	d	a	d	a	d	d	d	d	d	d	a
Westray South	599.2	619.3	d	d	d	d	d	a	d	d	d	d	d	d	d
White Cross	287.7	264.1	d	d	d	c	c	a	d	d	d	d	d	d	a
Yell Sound Array	762.0	781.8	d	d	d	d	d	a	d	d	d	d	d	d	d
Ynys Enlli Tidal Energy	105.2	89.4	d	d	d	e	e	a	d	d	d	d	d	d	e

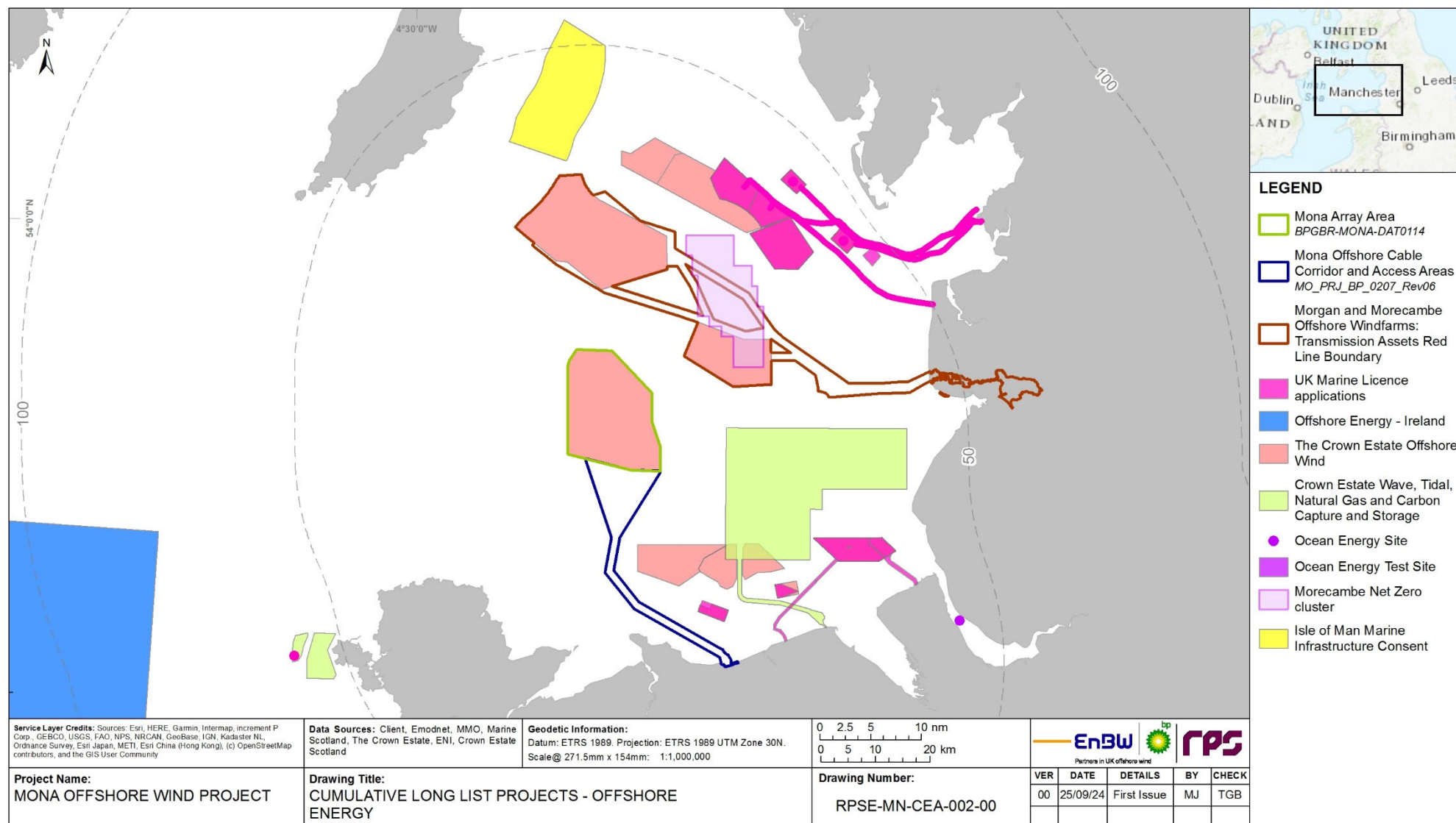


# MONA OFFSHORE WIND PROJECT



**Figure 1.3: Offshore renewable energy projects, plans and activities considered in the Mona Offshore Wind Project CEA.**

# MONA OFFSHORE WIND PROJECT



**Figure 1.4: Offshore renewable energy projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).**

## MONA OFFSHORE WIND PROJECT

### 1.10 Offshore cumulative effects matrix – commercial fisheries – temporal

1.10.1.1 The following commercial fisheries projects are shown in Figure 1.5 and Figure 1.6.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Anglesey - Inland Sea	CEFAS	Medium	Mussels.	Operational													
Anglesey - Red Wharf Bay	CEFAS	Medium	Cockles.	Operational													
Burry Inlet	CEFAS	Medium	Mussels.	Operational													
Dee	CEFAS	Medium	Mussels, Ensis spp, N Oysters, Tapes spp, Cockles, S Solida, M.Varia.	Operational													
IE_1050	EMODnet	Medium	Ireland aquaculture site.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
IE_1094	EMODnet	Medium	Ireland aquaculture site.	Operational													
Liverpool Bay - Wirral	CEFAS	Medium	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627.	Operational													
Lune	CEFAS	Medium	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627.	Operational													
Menai Straits - West	CEFAS	Medium	Mussels.	Operational													
Mersey	CEFAS	Medium	Classified as bivalve Mollusc Production areas under Regulation (EU) 854/2004.	Operational													
Morecambe Bay	CEFAS	Medium	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas.	Operational													
Morecambe Bay - Roosebeck	CEFAS	Medium	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Morecambe Roosebeck	CEFAS	Medium	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas.	Operational													
Ribble	CEFAS	Medium	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627.	Operational													
Silloth	CEFAS	Medium	Shellfishery: Mussels, Cockles, and Pacific Oyster classification zones.	Operational													
Swansea	CEFAS	Medium	Mussels.	Operational													
T01/004 (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/008A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/009 (Carlingford Lough)	EMODnet	Medium	Carlingford Lough aquaculture site.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
T01/012 (Carlingford Lough)	EMODnet	Medium	Carlingford Lough aquaculture site.	Operational													
T01/018A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster, Manila Clam.	Operational													
T01/018B (Carlingford Lough)	EMODnet	Medium	Pacific Oyster, Manila Clam.	Operational													
T01/019 (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/020 (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/021 (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/023A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
T01/024 (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/025A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/025C (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/026A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/029B (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/043A (Carlingford Lough)	EMODnet	Medium	Carlingford Lough aquaculture site.	Operational													
T01/043B (Carlingford Lough)	EMODnet	Medium	Pacific Oyster, Manila Clam.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
T01/043C (Carlingford Lough)	EMODnet	Medium	Carlingford Lough aquaculture site.	Operational													
T01/044A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/044B (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/050C (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/056D1 (Carlingford Lough)	EMODnet	Medium	Ireland aquaculture site.	Operational													
T01/059A1 (Carlingford Lough)	EMODnet	Medium	Carlingford Lough aquaculture site.	Operational													
T01/060A1 (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
T01/061A1(Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/064/1 (Knockbridge )	EMODnet	Medium	Sea Trout, Atlantic Salmon.	Operational													
T01/066A (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/070A1 (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/071A (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/072B1 (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/074A2 (Carlingford Lough)	EMODnet	Medium	Carlingford Lough aquaculture site.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
T01/102A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T01/105A (Carlingford Lough)	EMODnet	Medium	Blue Mussel.	Operational													
T01/120A (Carlingford Lough)	EMODnet	Medium	Ireland aquaculture site.	Operational													
T01/121A (Carlingford Lough)	EMODnet	Medium	Pacific Oyster.	Operational													
T32/004	EMODnet	Medium	Rainbow Trout.	Operational													
T32/005 (Coatsbridge, Woodenbridge)	EMODnet	Medium	Rainbow Trout.	Operational													
T32/012	EMODnet	Medium	Rainbow Trout, Aughrim.	Operational													
T32/027A (Clogga Bay)	EMODnet	Medium	Blue Mussel.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Three Rivers	CEFAS	Medium	Cockles.	Operational													
UK_0008	EMODnet	Medium	England Aquaculture site.	Operational													
UK_0011	EMODnet	Medium	England Aquaculture site.	Operational													
UK_0012	EMODnet	Medium	England Aquaculture site.	Operational													
UK_0014	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0015	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0016	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0020	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0021	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0023	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0026	EMODnet	Medium	Welsh aquaculture site.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
UK_0030	EMODnet	Medium	England Aquaculture site.	Operational													
UK_0032	EMODnet	Medium	England Aquaculture site.	Operational													
UK_0038	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0038	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0040	EMODnet	Medium	Freshwater Aquaculture: Trout and Salmon. Production: Egg, Fry and Fingerling. Production level: 4 million fish annually.	Operational													
UK_0088	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0092	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0101	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0105	EMODnet	Medium	Welsh aquaculture site.	Operational													
UK_0112	EMODnet	Medium	Welsh aquaculture site.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
UK_0117	EMODnet	Medium	Aquaculture site.	Operational													
UK_0119	EMODnet	Medium	Aquaculture site.	Operational													
UK_0121	EMODnet	Medium	Aquaculture site.	Operational													
UK_0122	EMODnet	Medium	Aquaculture site.	Operational													
UK_0142	EMODnet	Medium	Aquaculture site.	Operational													
UK_0160	EMODnet	Medium	Scotland aquaculture site.	Operational													
UK_0162	EMODnet	Medium	Aquaculture site.	Operational													
UK_0184	EMODnet	Medium	Aquaculture site.	Operational													
UK_0191	EMODnet	Medium	Aquaculture site.	Operational													
UK_0193	EMODnet	Medium	Aquaculture site.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
UK_0196	EMODnet	Medium	Sea Trout, Salmon, trouts, Smelts. Grow out for human consumption.	Operational													
UK_0236	EMODnet	Medium	Oysters, Pacific cupped oyster - Crassostrea gigas. Production method: Trestles or Trays.	Operational													
UK_0273	EMODnet	Medium	Oysters: European Flat Oyster - Ostrea eduli. Production: Beds.	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.11 Offshore cumulative effects matrix – commercial fisheries – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Anglesey - Inland Sea	50.3	44.3	d	d	d	d	d	d	d	d	d	d	d	d
Anglesey - Red Wharf Bay	35.7	18.1	d	d	d	d	d	d	d	d	d	d	d	d
Burry Inlet	215.4	182.9	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Dee	44.6	22.1	d	d	d	d	d	d	d	d	d	d	d	d	a
IE_1050	137.3	146.1	d	d	d	d	d	a	d	d	d	d	d	d	a
IE_1094	142.3	151.6	d	d	d	d	d	d	d	d	d	d	d	d	a
Liverpool Bay - Wirral	47.9	33.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Lune	57.6	64.5	d	d	d	d	d	d	a	d	d	d	d	d	a
Menai Straits - West	52.4	33.4	d	d	d	d	d	d	d	d	d	d	d	d	a
Mersey	53.5	40.6	d	d	d	d	d	d	a	d	d	d	d	d	a
Morecambe Bay	65.0	74.3	d	d	d	d	d	d	d	d	d	d	d	d	a
Morecambe Bay - Roosebeck	58.1	68.2	d	d	d	d	d	d	d	d	d	d	d	d	a
Morecambe Roosebeck	54.9	64.3	d	d	d	d	d	a	d	d	d	d	d	d	a



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Ribble	49.1	51.0	d	d	d	d	d	d	a	d	d	d	d	d	a
Silloth	114.0	134.7	d	d	d	d	d	d	a	d	d	d	d	d	a
Swansea	221.8	187.0	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/004 (Carlingford Lough)	141.8	151.0	d	d	d	d	d	a	d	d	d	d	d	d	a
T01/008A (Carlingford Lough)	141.3	150.4	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/009 (Carlingford Lough)	141.9	151.1	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/012 (Carlingford Lough)	142.0	151.2	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/018A (Carlingford Lough)	138.0	146.9	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/018B (Carlingford Lough)	138.4	147.5	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/019 (Carlingford Lough)	140.4	149.5	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
T01/020 (Carlingford Lough)	140.2	149.3	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/021 (Carlingford Lough)	138.3	147.3	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/023A (Carlingford Lough)	141.6	150.7	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/024 (Carlingford Lough)	140.6	149.7	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/025A (Carlingford Lough)	140.0	149.1	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/025C (Carlingford Lough)	137.7	146.6	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/026A (Carlingford Lough)	139.5	148.6	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/029B (Carlingford Lough)	145.8	155.2	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/043A (Carlingford Lough)	139.9	149.0	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
T01/043B (Carlingford Lough)	140.8	149.9	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/043C (Carlingford Lough)	140.1	149.2	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/044A (Carlingford Lough)	139.8	148.9	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/044B (Carlingford Lough)	141.0	150.1	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/050C (Carlingford Lough)	145.6	155.0	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/056D1 (Carlingford Lough)	144.4	153.9	d	d	d	d	d	a	d	d	d	d	d	d	a
T01/059A1 (Carlingford Lough)	140.3	149.5	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/060A1 (Carlingford Lough)	140.2	149.4	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/061A1 (Carlingford Lough)	147.1	156.6	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/064/1 (Knockbridge)	158.9	165.4	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
T01/066A (Carlingford Lough)	146.2	155.7	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/070A1 (Carlingford Lough)	146.7	156.3	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/071A (Carlingford Lough)	142.5	151.7	d	d	d	d	d	f	d	d	d	d	d	d	a
T01/072B1 (Carlingford Lough)	141.7	150.9	d	d	d	d	d	a	d	d	d	d	d	d	a
T01/074A2 (Carlingford Lough)	146.4	156.0	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/102A (Carlingford Lough)	138.0	146.9	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/105A (Carlingford Lough)	143.4	152.7	d	d	d	d	d	a	d	d	d	d	d	d	a
T01/120A (Carlingford Lough)	140.7	149.8	d	d	d	d	d	d	d	d	d	d	d	d	a
T01/121A (Carlingford Lough)	138.5	147.5	d	d	d	d	d	a	d	d	d	d	d	d	a
T32/004	173.0	170.0	d	d	d	d	d	a	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
T32/005 (Coatsbridge, Woodenbridge)	171.3	167.8	d	d	d	d	d	a	d	d	d	d	d	d	a
T32/012	174.6	171.8	d	d	d	d	d	d	d	d	d	d	d	d	a
T32/027A (Clogga Bay)	170.2	165.2	d	d	d	d	d	d	d	d	d	d	d	d	a
Three Rivers	207.9	177.0	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0008	113.4	134.2	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0011	69.7	87.7	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0012	56.9	68.9	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0014	51.0	44.9	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0015	225.7	191.4	d	d	d	d	d	a	d	d	d	d	d	d	a
UK_0016	43.9	23.2	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
UK_0020	54.7	36.6	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0021	121.8	141.8	d	d	a	d	d	d	d	d	d	d	d	d	a
UK_0023	222.3	187.6	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0026	202.0	222.0	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0030	59.6	69.6	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0032	54.5	64.8	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0038	166.2	184.1	d	d	d	d	d	a	d	d	d	d	d	d	a
UK_0038	53.8	35.1	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0040	142.4	162.6	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0088	180.1	199.9	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

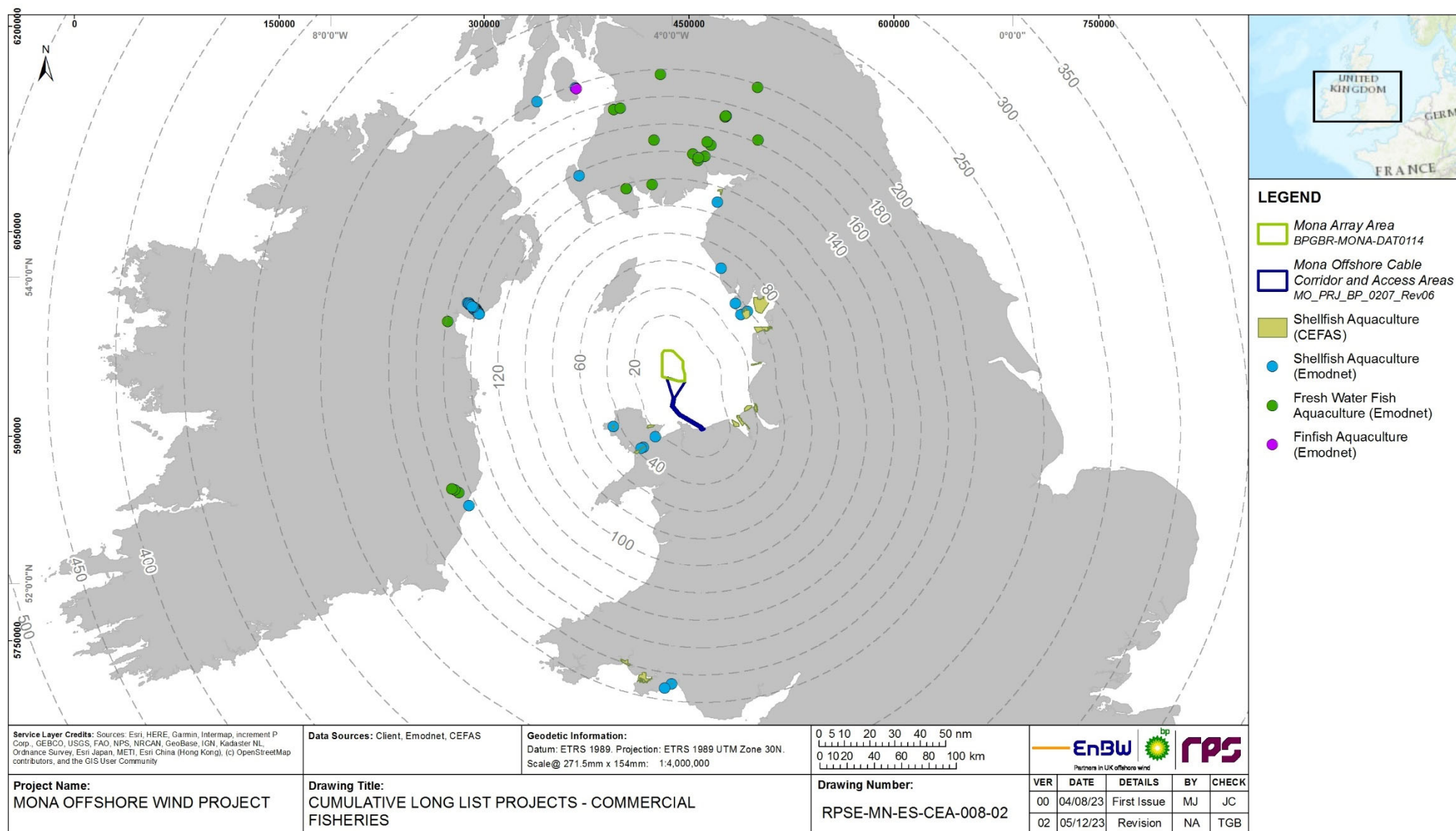
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
UK_0092	152.9	173.2	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0101	140.5	160.7	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0105	144.1	164.3	d	d	d	d	d	a	d	d	d	d	d	d	a
UK_0112	154.7	174.9	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0117	154.1	174.1	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0119	180.1	200.0	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0121	175.5	195.5	d	d	c	d	d	d	d	d	d	d	d	d	a
UK_0122	121.6	141.4	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0142	142.5	162.7	d	d	d	d	d	a	d	d	d	d	d	d	a
UK_0160	202.1	223.6	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
UK_0162	202.4	221.2	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0184	176.3	196.3	d	d	d	d	d	a	d	d	d	d	d	d	a
UK_0191	176.0	196.0	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0193	121.6	141.4	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0196	144.6	164.8	d	d	d	d	d	a	d	d	d	d	d	d	a
UK_0236	204.4	225.0	d	d	d	d	d	d	d	d	d	d	d	d	a
UK_0273	142.3	163.1	d	d	d	d	d	a	d	d	d	d	d	d	a

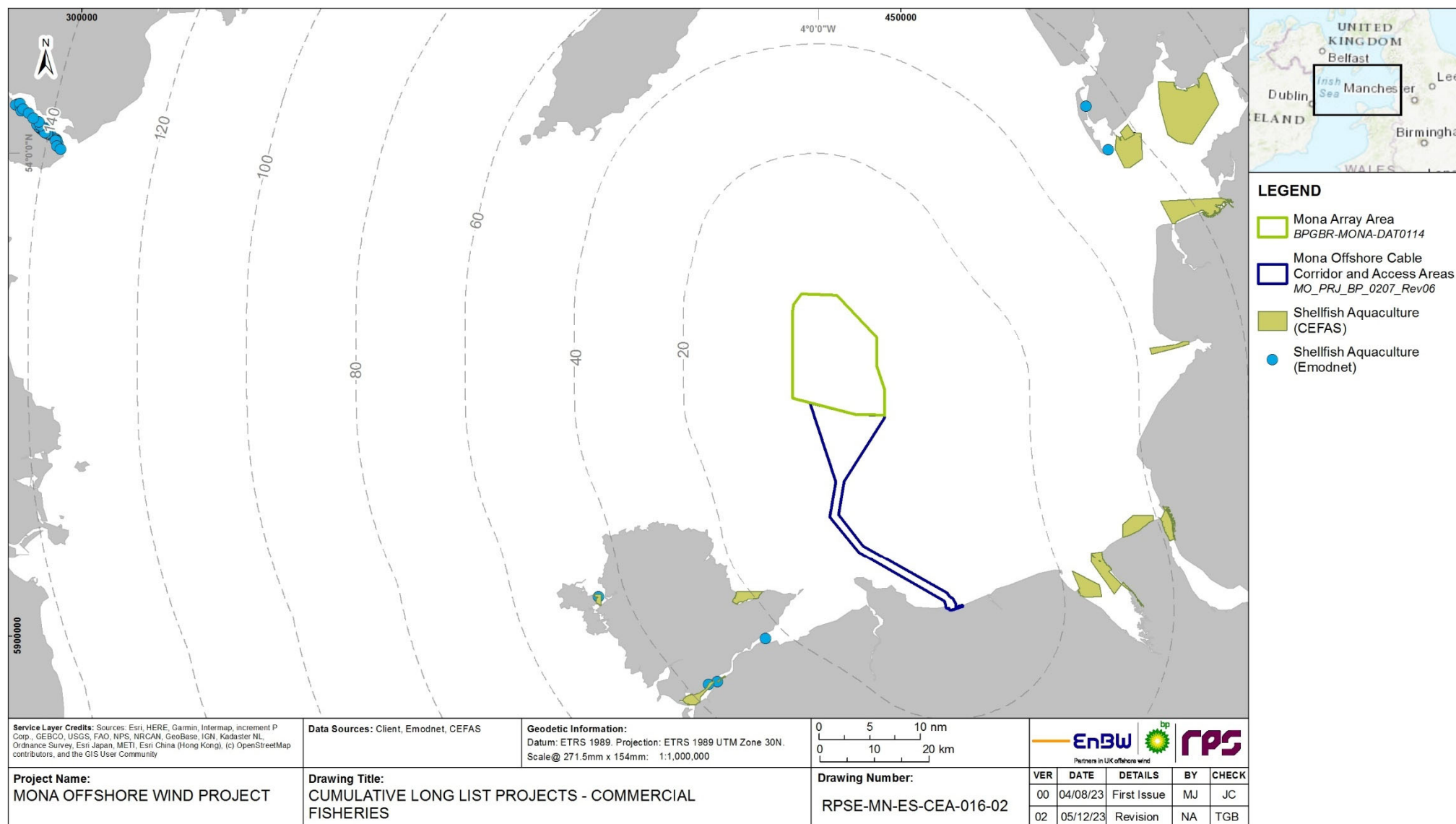


# MONA OFFSHORE WIND PROJECT



**Figure 1.5: Commercial fisheries projects, plans and activities considered in the Mona Offshore Wind Project CEA.**

## MONA OFFSHORE WIND PROJECT



**Figure 1.6: Commercial fisheries projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).**

# MONA OFFSHORE WIND PROJECT

## 1.12 Offshore cumulative effects matrix – oil and gas – temporal

1.12.1.1 The following oil and gas projects are shown in Figure 1.7 and Figure 1.8.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
110/12a	NSTA	High	Currently licenced UKCS block (2007 - 2033).	Operational													
110/13a	NSTA	High	Currently licenced UKCS block (1989 - 2025).	Operational													
110/13b	NSTA	High	Currently licenced UKCS block (1989 - 2025).	Operational													
110/14a	NSTA	High	Currently licenced UKCS block.	Operational													
110/14c	NSTA	High	Currently licenced UKCS block.	Operational													
110/15a	NSTA	High	Currently licenced UKCS block (1991 - 2027).	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
110/2a	NSTA	High	Currently licenced UKCS block.	Operational													
110/2b	NSTA	High	Currently licenced UKCS block (1989 - 2025).	Operational													
110/2c	NSTA	High	Currently licenced UKCS block (1989 - 2025).	Operational													
110/3a	NSTA	High	Currently licenced UKCS block.	Operational													
110/4a	NSTA	High	Currently licenced UKCS block (2019 - 2048).	Operational													
110/7a	NSTA	High	Currently licenced UKCS block.	Operational													
110/8a	NSTA	High	Currently licenced UKCS block.	Operational													
110/8c	NSTA	High	Currently licenced UKCS block.	Operational													
110/9c	NSTA	High	Currently licenced UKCS block.	Operational													
113/27b	NSTA	High	Currently licenced UKCS block (2007 - 2033).	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
33rd Offshore Round Block: 110/6	NSTA	High	Block reference 110/6. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													
33rd Offshore Round Block: 110/7b	NSTA	High	Block reference 110/7b. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													
33rd Offshore Round Block: 110/8b	NSTA	High	Block reference 110/8b. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
33rd Offshore Round Block: 110/9a	NSTA	High	Block reference 110/9a. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													
33rd Offshore Round Block: 113/24	NSTA	High	Block reference 113/24. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													
33rd Offshore Round Blocks: 110/1	NSTA	High	Block reference 110/1. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
33rd Offshore Round Blocks: 110/2d	NSTA	High	Block reference 110/2d. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													
33rd Offshore Round Blocks: 110/3b	NSTA	High	Block reference 110/3b. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													
33rd Offshore Round Blocks: 113/26c	NSTA	High	Block reference 113/26c. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
33rd Offshore Round Blocks: 113/27c	NSTA	High	Block reference 113/27c. Block on offer as part of the oil and gas licensing round expected to conclude in the second quarter of 2023. With the deadline for applications on Thursday the 12th of January 2023.	Pre-Application													
Barrow-in-Furness Gas Terminal	NSTA	High	BARROW-IN-FURNESS GAS TERMINAL.	Operational													
Braymore Point terminal	SSE Renewables	High	BRAYMORE POINT TERMINAL.	Operational													
Calder platform	NSTA	High	Calder platform.	Operational													
South Morecambe CPP1 platform	NSTA	High	Central production platform.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Conwy platform	NSTA	High	A Not Permanently Attended Installation (NPAI) platform in the Conwy field.	Operational													
Corsewall Point	NSTA	High	Terminal off Dumfries and Galloway.	Operational													
Douglas DA	NSTA	High	Douglas DA platform.	Operational													
Douglas DP	NSTA	High	Douglas drilling platform.	Operational													
Douglas DW	NSTA	High	Douglas drilling well.	Operational													
Glen Mooan	NSTA	High	19km pipeline to supply natural gas to existing Manx Gas customers in Kirk Michael, Ballaugh and Ramsey.	Operational													
Hamilton platform	NSTA	High	Hamilton gas platform.	Operational													
Hamilton North platform	NSTA	High	Hamilton north gas platform.	Operational													
Island Magee	NSTA	High	Island Magee terminal.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Isle of Man Crogga Licence: 112/25	Energy-Pedia	High	Block reference 112/25. Within Isle of Man territorial waters. 266 km² offshore the northeast coast of the Isle of Man. To drill an appraisal well.	Under construction													
Larne Lough	The Crown Estate	High	The licence shall refer to the creation of seven underground caverns in the Permian salt deposits below Larne Lough.	Operational													
Larne Lough (Area 2)	The Crown Estate	High	Salt cavern large scale gas storage project.	Permitted but not yet implemented													
Lennox	NSTA	High	Lennox oil platform.	Operational													
Millom West platform	Harbour Energy	High	Millom west field platform	Operational													
North Morcambe platform	NSTA	High	North Morecambe platform.	Operational													
North Morecambe DPPA platform	NSTA	High	North Morecambe drilling and production platform.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Offshore Storage Installation (OSI)	NSTA	High	Storage barge connected to the Douglas platforms.	Operational													
Point of Ayr	NSTA	High	The Point of Ayr Gas Terminal is a gas terminal situated on the Point of Ayr in Flintshire, Wales. It takes gas from Eni’s Liverpool Bay Development.	Operational													
Rough Gas Storage Facility and Pipelines	Centrica	High	The reopened Rough gas storage facility, with the ability to store up to 30 billion cubic feet (bcf) of gas for UK homes and businesses.	Operational													
SEL1/07	Irish Government	High	Oil and gas active area in Ireland.	Operational													
South Morecambe AP1 platform	NSTA	High	South Morecambe accommodation platform 1.	Operational													
South Morecambe	NSTA	High	South Morecambe central processing platform.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
CPP1 platform																	
South Morecambe DP1 platform	NSTA	High	South Morecambe drilling platform 1.	Operational													
South Morecambe DP6 platform	NSTA	High	South Morecambe drilling platform 6.	Operational													
South Morecambe DP8 platform	NSTA	High	South Morecambe drilling platform 8.	Operational													
South Morecambe FL1 platform	NSTA	High	South Morecambe flare platform.	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.13 Offshore cumulative effects matrix – oil and gas – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
110/12a	7.7	8.3	d	d	d	d	d	d	d	d	a	d	d	d	a
110/13a	19.8	20.4	d	d	d	d	d	d	d	d	a	d	d	d	a
110/13b	14.1	14.3	d	d	d	d	d	a	d	d	a	d	d	d	a
110/14a	26.4	27.0	d	d	d	d	d	d	d	d	a	d	d	d	a
110/14c	39.1	39.8	d	d	d	d	d	d	d	d	a	d	d	d	a
110/15a	39.6	40.2	d	d	d	d	d	d	d	d	a	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
110/2a	15.8	28.4	d	d	d	d	d	a	a	d	a	d	d	d	a
110/2b	10.0	26.1	d	d	d	d	d	d	a	d	a	d	d	d	a
110/2c	20.9	40.9	d	d	d	d	d	d	a	d	a	d	d	d	a
110/3a	18.1	29.3	d	d	d	d	d	d	a	d	a	d	d	d	a
110/4a	29.9	37.4	d	d	d	d	d	d	a	d	a	d	d	d	a
110/7a	10.5	20.8	d	d	d	d	d	d	a	d	a	d	d	d	a
110/8a	15.6	24.6	d	d	d	d	d	a	a	d	a	d	d	d	a
110/8c	16.3	19.4	d	d	d	d	d	d	a	d	a	d	d	d	a
110/9c	27.9	30.8	d	d	d	d	d	d	a	d	a	d	d	d	a
113/27b	28.9	48.6	d	d	d	d	d	d	a	d	a	d	d	d	a
33rd Offshore Round Block: 110/6	0.0	6.0	e	e	e	e	d	d	e	f	a	e	e	d	e
33rd Offshore Round Block: 110/7b	0.0	7.5	e	e	e	e	d	d	e	f	a	e	e	d	e
33rd Offshore Round Block: 110/8b	6.7	15.6	e	e	e	e	d	d	e	d	a	e	e	d	e

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
33rd Offshore Round Block: 110/9a	19.9	28.0	e	e	e	e	d	d	e	d	a	e	e	d	e
33rd Offshore Round Block: 113/24	50.3	68.5	e	e	e	e	d	d	e	d	a	e	e	d	e
33rd Offshore Round Blocks: 110/1	0.0	24.5	e	e	e	e	d	d	e	f	a	e	e	d	e
33rd Offshore Round Blocks: 110/2d	7.2	26.0	e	e	e	e	d	d	e	f	a	e	e	d	e
33rd Offshore Round Blocks: 110/3b	21.9	32.3	e	e	e	e	d	d	e	d	a	e	e	d	e
33rd Offshore Round Blocks: 113/26c	15.4	43.1	e	e	e	e	d	a	e	f	a	e	e	d	e
33rd Offshore Round Blocks: 113/27c	22.7	44.9	e	e	e	e	d	d	e	f	a	e	e	d	e
Barrow-in-Furness Gas Terminal	57.9	67.4	d	d	d	d	d	a	a	d	d	d	d	d	a
Braymore Point terminal	143.2	146.4	d	d	d	d	d	a	d	d	d	d	d	d	a
Calder platform	13.3	23.9	a	a	a	d	d	a	a	d	a	b	b	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
South Morecambe CPP1 platform	20.2	30.1	a	a	a	d	d	d	a	d	a	b	b	c	a
Conwy platform	8.6	8.7	a	a	a	d	d	d	a	d	a	b	b	c	a
Corsewall Point	149.9	168.4	d	d	d	d	d	d	d	d	d	d	d	d	a
Douglas DA	16.8	16.7	a	a	a	d	d	d	a	d	a	b	b	d	a
Douglas DP	16.9	16.8	a	a	a	d	d	d	a	d	a	b	b	c	a
Douglas DW	17.0	16.8	a	a	a	d	d	d	a	d	a	b	b	d	a
Glen Mooan	63.0	81.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Hamilton platform	23.5	23.5	a	a	a	d	d	d	a	d	a	d	d	c	a
Hamilton North platform	21.5	21.8	a	a	a	d	d	d	a	d	a	d	d	c	a
Island Magee	161.2	177.4	d	d	d	d	d	d	d	d	d	d	d	d	a
Isle of Man Crogga Licence: 112/25	33.9	61.6	d	c	c	d	d	a	a	d	a	d	d	d	a
Larne Lough	158.0	176.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Larne Lough (Area 2)	159.9	174.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Lennox	41.4	41.5	d	d	d	d	d	e	a	d	a	d	d	d	a



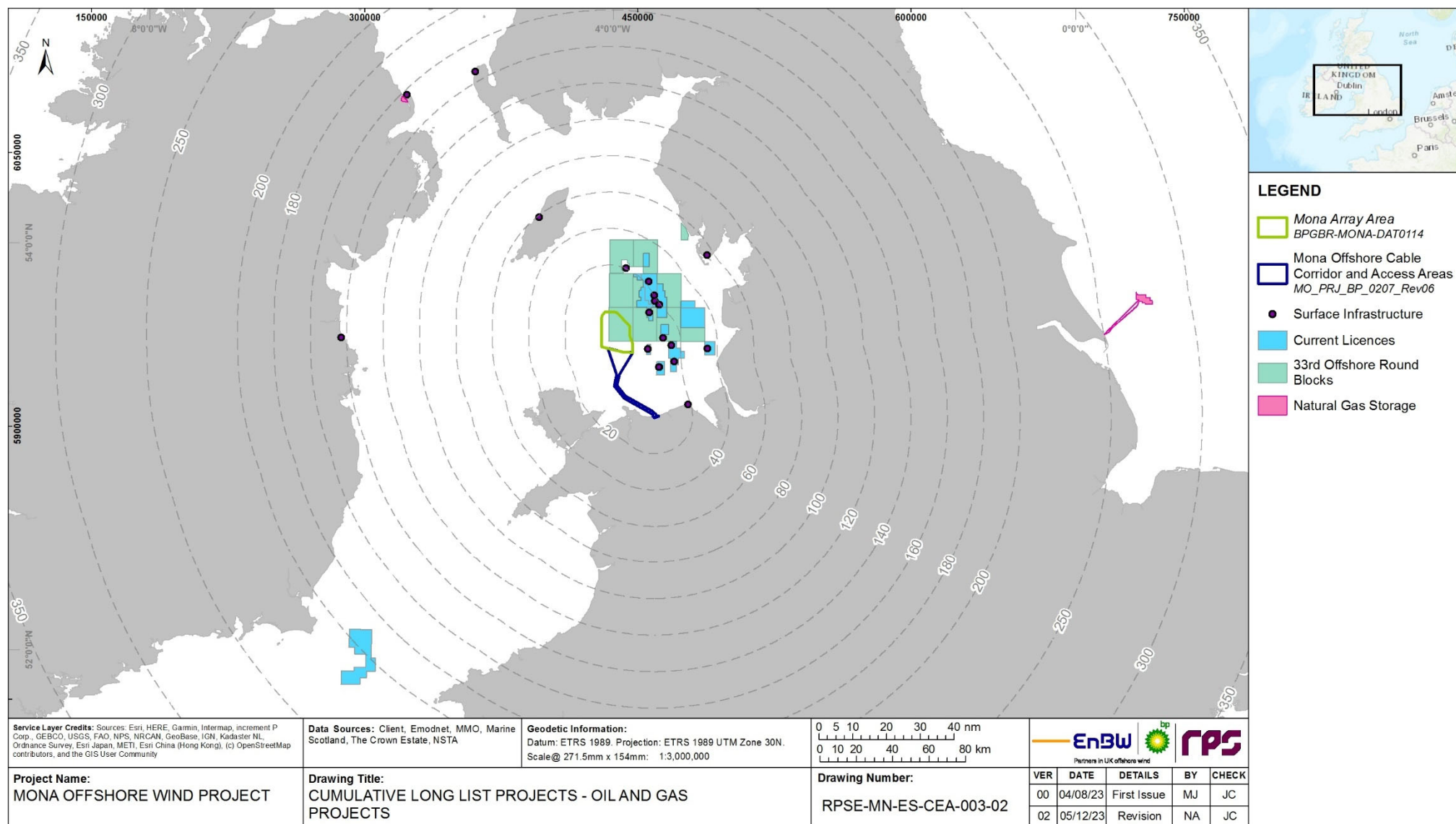
## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Millom West platform	25.0	45.3	f	f	f	d	d	d	a	d	a	f	f	c	a
North Morcambe platform	24.5	39.9	a	a	a	d	d	d	a	d	a	d	d	c	a
North Morecambe DPPA platform	24.5	39.9	a	a	a	d	d	d	a	d	a	d	d	c	a
Offshore Storage Installation (OSI)	17.4	18.8	d	d	d	d	d	d	a	d	a	d	d	d	a
Point of Ayr	42.0	17.4	d	d	d	d	d	d	a	d	d	d	d	d	a
Rough Gas Storage Facility and Pipelines	259.0	248.7	d	d	d	d	d	a	d	d	d	d	d	d	a
SEL1/07	200.7	188.3	d	d	d	d	d	d	a	d	d	d	d	d	a
South Morecambe AP1 platform	20.1	30.0	a	a	a	d	d	d	a	d	a	d	d	c	a
South Morecambe CPP1 platform	20.2	30.1	a	a	a	d	d	d	a	d	a	d	d	c	a
South Morecambe DP1 platform	20.3	30.1	a	a	a	d	d	d	a	d	a	d	d	c	a
South Morecambe DP6 platform	19.7	30.8	a	a	a	d	d	d	a	d	a	b	b	c	a

## MONA OFFSHORE WIND PROJECT

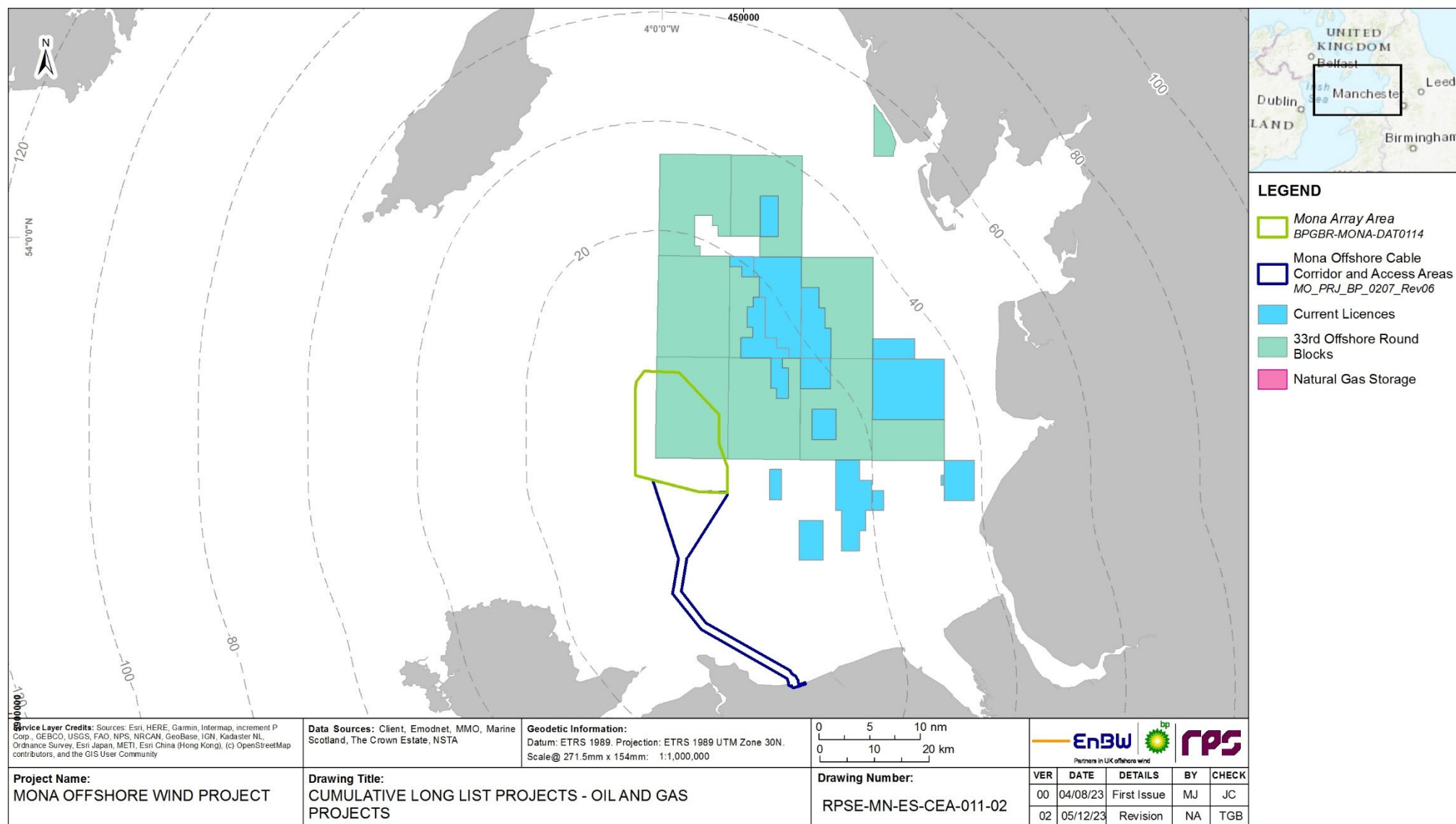
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
South Morecambe DP8 platform	21.5	33.5	a	a	a	d	d	d	a	d	a	b	b	c	a
South Morecambe FL1 platform	20.2	30.1	a	a	a	d	d	d	a	d	a	b	b	c	a

## MONA OFFSHORE WIND PROJECT



**Figure 1.7: Oil and gas projects, plans and activities considered in the Mona Offshore Wind Project CEA.**

# MONA OFFSHORE WIND PROJECT



**Figure 1.8: Oil and gas projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).**

# MONA OFFSHORE WIND PROJECT

## 1.14 Offshore cumulative effects matrix – cables and pipelines – temporal

1.14.1.1 The following cable and pipelines projects are shown in Figure 1.9 and Figure 1.10.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
BT-MT1 cable	KIS-ORCA	Medium	The fibre optic submarine telecommunications cable system BT-MT-1 became ready for service around 1990.The system has a length of 80 km and is owned and/or operated by a consortium consisting of BT, Manx Telecom.	Operational													
BT-TE1 cable	Irish Government	Medium	BT telecommunications cable.	Operational													
Calder to Rivers onshore	North Sea Transition Area (NSTA)	High	Calder to Rivers onshore terminal 24IN gas line.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
terminal pipeline																	
CeltixConnect cable	KIS-ORCA	Medium	The fibre optic submarine telecommunications cable system CeltixConnect became ready for service around January 2012. The system has a length of 136 km and is owned and/or operated by Aqua Comms.	Operational													
Conwy to Douglas export pipeline	NSTA	High	Offshore oil field development. Location: east Irish Sea, UK.	Operational													
Dalton PLEM	NSTA	High	Dalton Pipeline End Manifold.	Operational													
Dalton PLEM to Dalton Wellhead R1 pipeline	NSTA	High	Dalton gas field Pipe Line End Manifold to Dalton Wellhead.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Dalton PLEM to Dalton Wellhead R2 pipeline	NSTA	High	Dalton gas field Pipe Line End Manifold to Dalton Wellhead.	Operational													
Dalton PLEM to DPPA pipeline	NSTA	High	Dalton gas field Pipe Line End Manifold to North Morecambe Drilling and Production Platform.	Operational													
Dalton Wellhead R1 to Dalton PLEM pipeline	NSTA	High	Dalton gas field wellhead to Dalton Pipe Line End Manifold.	Operational													
DD-POA Gas export pipeline	NSTA	High	Liverpool Bay Asset. Gas Export from Douglas. Length: 32.1 km.	Operational													
Douglas to CACM pipeline	NSTA	High	Douglas to CACM Barge.	Operational													
Douglas to Conwy condensate	NSTA	High	Douglas field to Conwy condensate injection.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
injection pipeline																	
Douglas to Conwy umbilical cable	NSTA	High	Douglas field to Conwy umbilical cable.	Operational													
Douglas to Conwy water injection pipeline	NSTA	High	Douglas field to Conwy water injection pipeline.	Operational													
Douglas to Hamilton pipeline	NSTA	High	Douglas field to Hamilton platform pipeline.	Operational													
Douglas to Hamilton North pipeline	NSTA	High	Douglas field to Hamilton north pipeline.	Operational													
Douglas to Lennox chem pipeline (PL1037)	NSTA	High	Douglas field to Lennox chemical pipeline.	Operational													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Douglas to Lennox chem pipeline (PL1038)	NSTA	High	Douglas field to Lennox chemical pipeline.	Operational													
Douglas to Lennox gas pipeline (PL1036A)	NSTA	High	Douglas field to Lennox gas pipeline.	Operational													
East-West Interconnector cable	KIS-ORCA	Medium	The East West Interconnector is a 500 MW High Voltage direct current submarine and subsoil power cable which connects the Irish and British Electricity markets. The project was developed by the Irish National grid operator EirGrid.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Emerald Bridge cable	KIS-ORCA	Medium	The fibre optic submarine telecommunications cable system Emerald Bridge Fibres became ready for service around December 2012. The system has a length of 120 km and is owned and/or operated by a consortium consisting of ESB Telecoms, Zayo Group.	Operational													
ESAT 2 cable	Irish Government	Medium	The fibre optic submarine telecommunications cable system ESAT-2 became ready for service around 2000. The system has a length of 245 km and is owned and/or operated by Esat BT.	Operational													
Hamilton East pipeline manifold	NSTA	High	Hamilton east pipeline end manifold.	Operational													
Hamilton East pipeline	NSTA	High	Hamilton east pipeline.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Hamilton East umbilical pipeline	NSTA	High	Umbilical pipeline for Hamilton east.	Operational													
Hamilton to Douglas gas pipeline	NSTA	High	Gas line from Hamilton to Douglas.	Operational													
HAV 1.2 cable	KIS-ORCA	Medium	Type: Telecom The Havhingsten cable system is a 940 km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Operational													
HAV 1.3 cable	KIS-ORCA	Medium	Type: Telecom The Havhingsten cable system is a 940 km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
HAV 1.4 cable	KIS-ORCA	Medium	Type: Telecom The Havhingsten cable system is a 940 km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Operational													
HAV 1.5 cable	KIS-ORCA	Medium	Type: Telecom The Havhingsten cable system is a 940 km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Hibernia Atlantic Seg. A	KIS-ORCA	Medium	EXA Atlantic (formerly GTT Atlantic, Hibernia Atlantic) is a 12,200 km private transatlantic submarine cable system in the North Atlantic Ocean, connecting Canada, the United States, Ireland and the United Kingdom. The EXA Atlantic consists of EXA South and EXA North cables.	Operational													
Hibernia Atlantic Seg. C cable	KIS-ORCA	Medium	EXA Atlantic (formerly GTT Atlantic, Hibernia Atlantic) is a 12,200 km private transatlantic submarine cable system in the North Atlantic Ocean, connecting Canada, the United States, Ireland and the United Kingdom. The EXA Atlantic consists of EXA South and EXA North cables.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
UK-Ireland Interconnector IC1 pipeline	NSTA	High	UK-Ireland Interconnector, known as Interconnector 1 or IC1, is a gas pipeline running between Scotland and Ireland. A reverse flow, bi-directional development of the pipeline is proposed. Length: 204 km.	Operational													
UK-Ireland Interconnector IC2 pipeline	NSTA	High	IC2 is a natural gas pipeline in Scotland and Ireland. The subsea pipeline is 195 km long and start in Ireland in the city of Gormanston. It ends up in Beattock, Scotland in Irish Sea, Europe (North).	Operational													
Isle of Man-UK Interconnector cable	KIS-ORCA	Medium	Spans a distance of 104km and is the world's longest AC power interconnector, linking the Isle of Man to the UK National Grid. Connects Isle of Man to Bispham on the Lancashire coast. Installed September 2000.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Isle of Man Control Umbilical cable (IOMCU)	NSTA	High	72.80 mm hydraulic umbilical cable.	Operational													
Isle of Man Spur pipeline (IOMS)	NSTA	High	273.00 mm gas pipeline.	Operational													
LANIS 1 cable	KIS-ORCA	Medium	The system has a length of 113km and is owned and/or operated by Vodafone.	Operational													
LANIS 2 cable	KIS-ORCA	Medium	The system has a length of 67 km and is owned and/or operated by Vodafone.	Operational													
Lennox to Douglas gas pipeline	NSTA	High	Gas line from Lennox to Douglas.	Operational													
MANX-N.IRELAND cable	KIS-ORCA	Medium	BT telecommunications cable.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
MaresConnect cable	Maresconnect	High	MaresConnect is a proposed 750 MW subsea and underground electricity interconnector system linking the electricity grids in Ireland and Great Britain.	Pre-application													
Millom East PLEM	NSTA	High	Millom east pipeline end manifold.	Operational													
Millom East PLEM	NSTA	High	Millom pipeline end manifold.	Operational													
Millom PLEM to DPPA pipeline	NSTA	High	Millom pipeline end manifold to North Morecambe Drilling and Production Platform.	Operational													
Millom PLEM to Millom wellhead Q1 pipeline	NSTA	High	Millom pipeline end manifold to Millom Wellhead.	Operational													
Millom PLEM to Millom wellhead Q3 chem pipeline	NSTA	High	Millom pipeline end manifold to Millom Wellhead chemical line.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Millom PLEM to Millom West pipeline	NSTA	High	Millom pipeline end manifold to Millom West.	Operational													
Millom wellhead Q1 to Millom PLEM pipeline	NSTA	High	Millom wellhead Q1 to Millom PLEM 8IN gas.	Operational													
Millom wellhead Q2 to Millom PLEM pipeline	NSTA	High	Millom wellhead Q2 to Millom PLEM 8IN gas.	Operational													
Millom wellhead Q3 to Millom PLEM pipeline	NSTA	High	Millom wellhead Q3 to Millom PLEM 8IN gas.	Operational													
Millom West to Millom PLEM pipeline	NSTA	High	Millom West to Millom PLEM 12IN gas line.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
South Morecambe CPP1 to South Morecambe DP6 pipeline	NSTA	High	Morecambe CPP1 platform to DP3 2IN line.	Operational													
South Morecambe CPP1 to South Morecambe DP8 pipeline	NSTA	High	Morecambe CPP1 platform to DP8 2IN line.	Operational													
PLEM at OSI	NSTA	High	Pipeline end manifold at OSI.	Operational													
Rockabill cable	KIS-ORCA	Medium	The Rockabill project (also know as Super Highway 1) is a new combination of submarine cable and terrestrial links that connect Dublin to London and Lowestoft, on the eastern coast of the UK. Cable Length: 221 km. Owners: euNetworks.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Sirius South cable	KIS-ORCA	Medium	Interconnector connecting Ireland and England. Cable Length: 219 km. Owners: Virgin Media	Operational													
South Morecambe DP6 to South Morecambe CPP1	MCMS	High	Morecambe DP6 to CPP1 24IN gas line.	Operational													
South Morecambe DP8 to South Morecambe CPP1	MCMS	High	Morecambe DP8 to CPP1 24IN gas line.	Operational													
South Morecambe DPPA to Dalton PLEM	MCMS	High	Morecambe DPPA to Dalton PLEM chemical line.	Operational													
South Morecambe DPPA to Millom PLEM	MCMS	High	Morecambe DPPA to Millom PLEM chemical.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
NMT methanol	MCMS	High	North Morecambe 3IN methanol.	Operational													
NMT trunkline	MCMS	High	North Morecambe 36IN gas trunk line.	Operational													
POA-DD condensate	NSTA	High	3IN POA-DD condensate line.	Operational													
POA-DD methanol	NSTA	High	3IN POA-DD methanol line.	Operational													
Rhyl-DPPA control/chem injection umbilical	NSTA	High	Rhyl-DPPA import production flexible pipeline.	Operational													
Rivers onshore terminal to Calder	NSTA	High	Rivers onshore terminal to Calder 3IN chemical.	Operational													
SMT trunkline	NSTA	High	South Morecambe 36IN gas trunk line.	Operational													
Wellhead R2 to Dalton PLEM	NSTA	High	Wellhead R2 to Dalton PLEM 8IN gas line.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Western Link 1 cable	KIS-ORCA	Medium	The Western Link project consists of installing two 600 kV DC submarine cables in the Irish Sea from Ardneil (Scotland) to Wirral (England).The cable has a total length of about 387 km.	Operational													
Western Link 2 cable	KIS-ORCA	Medium	The Western Link project consists of installing two 600 kV DC submarine cables in the Irish Sea from Ardneil (Scotland) to Wirral (England).The cable has a total length of about 387 km.	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.15 Offshore cumulative effects matrix – cables and pipelines – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
BT-MT1 cable	30.4	50.7	d	a	c	a	d	d	a	d	d	d	d	d
BT-TE1 cable	55.4	49.7	d	d	a	a	d	d	a	d	d	d	d	d
Calder to Rivers onshore terminal pipeline	13.2	23.8	d	a	a	a	d	a	a	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Celtixconnect cable	55.3	49.7	d	d	a	a	d	d	a	d	d	d	d	d	a
Conwy to Douglas export pipeline	8.5	8.7	d	a	d	a	d	a	a	d	d	d	d	d	a
Dalton PLEM	17.7	34.4	d	a	a	a	d	d	a	d	d	d	d	d	a
Dalton PLEM to Dalton Wellhead R1 pipeline	17.6	33.0	d	a	a	a	d	d	a	d	d	d	d	d	a
Dalton PLEM to Dalton Wellhead R2 pipeline	16.9	32.1	d	a	d	a	d	d	a	d	d	d	d	d	a
Dalton PLEM to DPPA pipeline	17.7	33.0	d	a	e	a	d	d	a	d	d	d	d	d	a
Dalton Wellhead R1 to Dalton PLEM pipeline	17.6	33.0	d	a	d	a	d	d	a	d	d	d	d	d	a
DD-POA Gas export pipeline	16.9	9.8	d	a	d	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Douglas to CACM pipeline	14.8	14.8	d	d	d	a	d	a	a	d	d	d	d	d	a
Douglas to Conwy condensate injection pipeline	8.5	8.7	d	a	d	a	d	d	a	d	d	d	d	d	a
Douglas to Conwy umbilical cable	8.5	8.7	d	a	d	a	d	d	a	d	d	d	d	d	a
Douglas to Conwy water injection pipeline	8.5	8.7	d	a	d	a	d	a	a	d	d	d	d	d	a
Douglas to Hamilton pipeline	15.9	15.8	d	a	d	a	d	d	a	d	d	d	d	d	a
Douglas to Hamilton North pipeline	15.7	15.6	d	a	d	a	d	a	a	d	d	d	d	d	a
Douglas to Lennox chem pipeline (PL1037)	15.8	15.7	d	a	d	a	d	d	a	d	d	d	d	d	a
Douglas to Lennox chem pipeline (PL1038)	15.8	15.8	d	a	d	a	d	d	a	d	d	d	d	d	a



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Douglas to Lennox gas pipeline (PL1036A)	16.0	16.0	d	a	d	a	d	d	a	d	d	d	d	d	a
East-West Interconnector cable	14.6	0.0	d	a	d	a	d	a	a	d	d	d	d	d	a
Emerald Bridge cable	60.8	54.2	d	d	d	a	d	d	a	d	d	d	d	d	a
ESAT 2 cable	0.0	12.1	d	a	d	a	d	d	a	a	d	d	d	d	a
Hamilton East pipeline manifold	25.2	25.8	d	a	a	a	d	d	a	d	d	d	d	d	a
Hamilton East pipeline	21.4	21.7	d	a	d	a	d	d	a	d	d	d	d	d	a
Hamilton East umbilical pipeline	21.4	21.7	d	a	d	a	d	d	a	d	d	d	d	d	a
Hamilton to Douglas gas pipeline	15.9	15.8	d	a	d	a	d	d	a	d	d	d	d	d	a
HAV 1.2 cable	59.4	70.4	d	d	d	d	d	a	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
HAV 1.3 cable	36.7	47.7	d	e	e	d	d	d	d	d	d	d	d	d	a
HAV 1.4 cable	34.1	45.7	d	e	e	d	d	a	d	d	d	d	d	d	a
HAV 1.5 cable	0.0	18.5	d	e	e	d	d	d	a	f	d	d	d	d	a
Hiberna Atlantic Seg. A	4.0	24.5	d	a	d	a	d	e	a	d	d	d	d	d	a
Hiberna Atlantic Seg. C cable	0.0	16.7	d	a	d	a	d	d	a	a	d	d	d	d	a
UK-Ireland Interconnector IC1 pipeline	74.9	85.0	d	d	d	a	d	d	d	d	d	d	d	d	a
UK-Ireland Interconnector IC2 pipeline	74.8	90.6	d	d	d	a	d	d	d	d	d	d	d	d	a
Isle of Man-UK Interconnector cable	22.0	37.5	d	a	d	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Isle of Man Control Umbilical cable (IOMCU)	63.8	81.6	d	d	d	a	d	d	d	d	d	d	d	d	a
Isle of Man Spur pipeline (IOMS)	63.8	81.6	d	d	d	a	d	a	d	d	d	d	d	d	a
LANIS 1 cable	6.3	21.5	d	a	d	a	d	d	a	d	d	d	d	d	a
LANIS 2 cable	65.8	84.7	d	d	d	a	d	d	d	d	d	d	d	d	a
Lennox to Douglas gas pipeline	15.7	15.7	d	a	d	a	d	a	a	d	d	d	d	d	a
MANX-N.IRELAND cable	63.1	81.9	d	d	a	a	d	a	d	d	d	d	d	d	a
MaresConnect cable	16.4	0.0	c	c	c	c	d	d	c	c	c	d	d	d	e
Millom East PLEM	25.0	45.8	d	a	a	a	d	d	a	d	d	d	d	d	a
Millom East PLEM	25.0	45.8	d	a	a	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Millom PLEM to DPPA pipeline	24.4	39.8	d	a	a	a	d	d	a	d	d	d	d	d	a
Millom PLEM to Millom wellhead Q1 pipeline	25.0	44.5	d	a	d	a	d	d	a	d	d	d	d	d	a
Millom PLEM to Millom wellhead Q3 chem pipeline	25.0	44.5	d	a	d	a	d	d	a	d	d	d	d	d	a
Millom PLEM to Millom West pipeline	24.7	44.4	d	a	d	a	d	d	a	d	d	d	d	d	a
Millom wellhead Q1 to Millom PLEM pipeline	25.0	44.5	d	a	d	a	d	d	a	d	d	d	d	d	a
Millom wellhead Q2 to Millom PLEM pipeline	25.0	44.5	d	a	d	a	d	d	a	d	d	d	d	d	a
Millom wellhead Q3 to Millom PLEM pipeline	25.0	44.5	d	a	d	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Millom West to Millom PLEM pipeline	24.7	44.4	d	a	c	a	d	d	a	d	d	d	d	d	a
South Morecambe CPP1 to South Morecambe DP6 pipeline	19.5	29.9	d	a	d	a	d	a	a	d	d	d	d	d	a
South Morecambe CPP1 to South Morecambe DP8 pipeline	20.0	29.9	d	a	d	a	d	d	a	d	d	d	d	d	a
PLEM at OSI	17.2	19.7	d	a	a	a	d	d	a	d	d	d	d	d	a
Rockabill cable	0.0	13.9	d	a	d	a	d	d	a	a	d	d	d	d	a
Sirius South cable	0.0	12.5	d	a	d	a	d	e	a	a	d	d	d	d	a
South Morecambe DP6 to South Morecambe CPP1	19.6	30.1	d	a	d	a	d	a	a	d	d	d	d	d	a

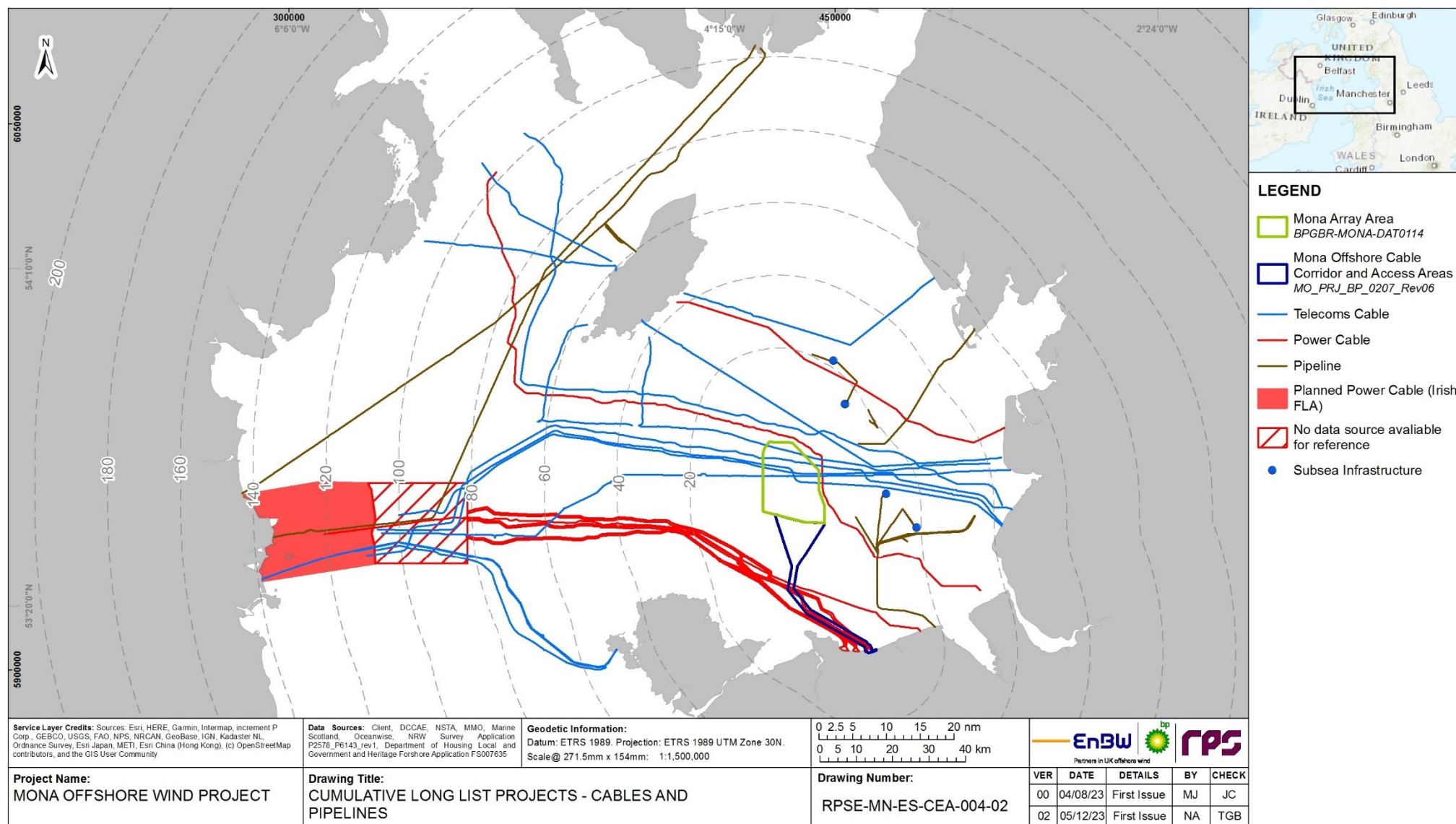
## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
South Morecambe DP8 to South Morecambe CPP1	20.0	30.1	d	a	d	a	d	d	a	d	d	d	d	d	a
South Morecambe DPPA to Dalton PLEM	17.6	33.1	d	a	d	a	d	a	a	d	d	d	d	d	a
South Morecambe DPPA to Millom PLEM	24.4	39.9	d	a	d	a	d	d	a	d	d	d	d	d	a
NMT methanol	24.4	39.9	d	a	d	a	d	d	a	d	d	d	d	d	a
NMT trunkline	24.4	39.9	d	a	d	a	d	d	a	d	d	d	d	d	a
POA-DD condensate	16.9	9.9	d	a	d	a	d	d	a	d	d	d	d	d	a
POA-DD methanol	16.9	9.9	d	a	d	a	d	d	a	d	d	d	d	d	a
Rhyl-DPPA control/chem injection umbilical	24.4	39.9	d	a	d	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Rivers onshore terminal to Calder	13.2	23.9	d	a	d	a	d	a	a	d	d	d	d	d	a
SMT trunkline	20.1	30.1	d	a	d	a	d	d	a	d	d	d	d	d	a
Wellhead R2 to Dalton PLEM	16.9	32.2	d	a	d	a	d	d	a	d	d	d	d	d	a
Western Link 2 cable	18.4	18.4	d	a	e	a	d	d	a	d	d	d	d	d	a
Western Link 1 cable	0.8	5.1	d	a	e	a	d	d	a	a	d	d	d	d	a

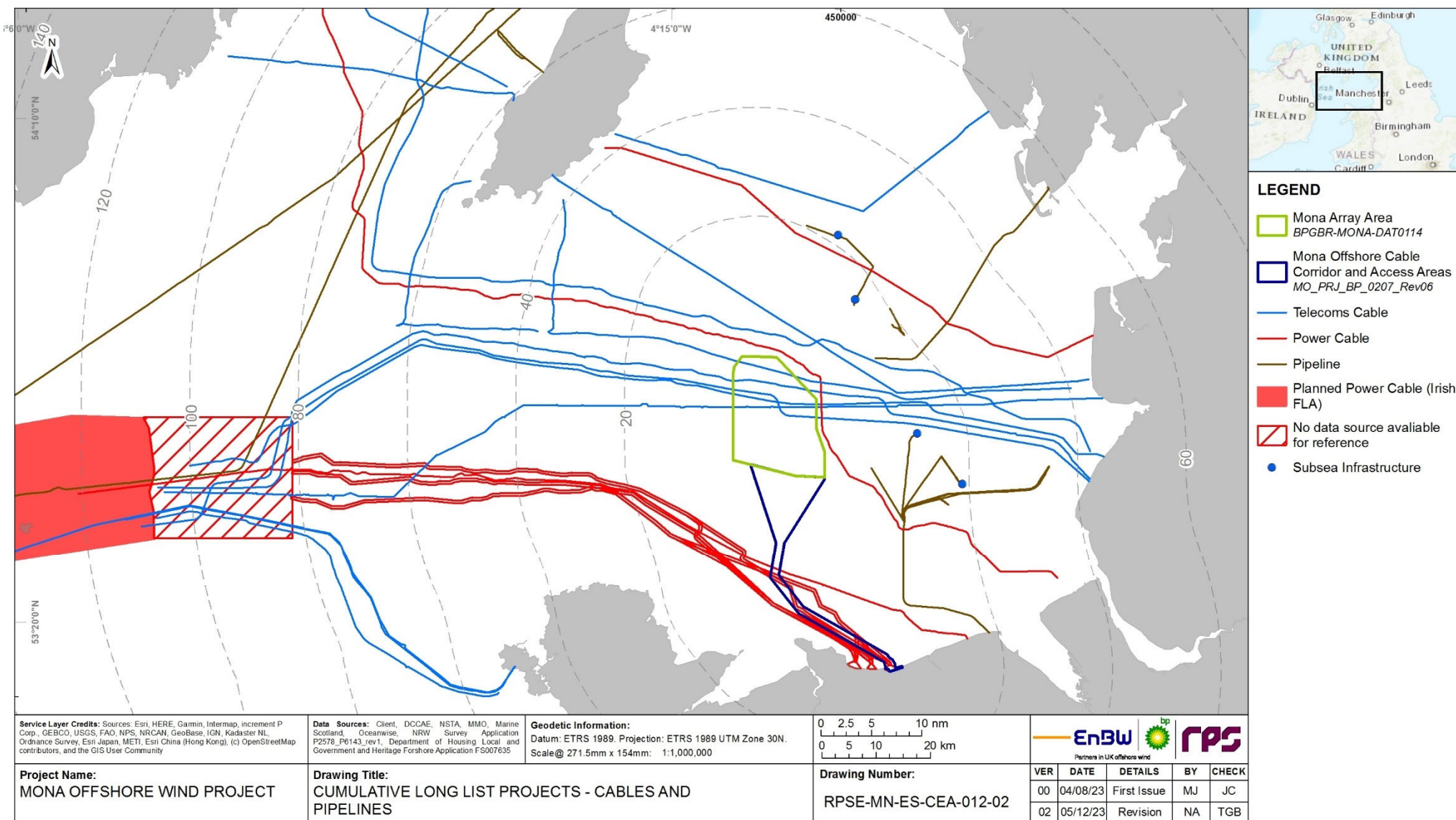
# MONA OFFSHORE WIND PROJECT



**Figure 1.9: Cable and pipeline projects, plans and activities considered in the Mona Offshore Wind Project CEA.**



# MONA OFFSHORE WIND PROJECT



**Figure 1.10: Cable and pipeline projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).**

## MONA OFFSHORE WIND PROJECT

### 1.16 Offshore cumulative effects matrix – shipping and navigation – temporal

1.16.1.1 The following shipping and navigation projects are shown in Figure 1.11 and Figure 1.12.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Anchorage areas	Oceanwise	Medium	Designated anchorage areas in the Irish Sea.	Operational													
Belfast Harbour	Oceanwise	Medium	Belfast Harbour is a major maritime hub in Belfast, Northern Ireland, handling 67% of Northern Ireland's seaborne trade and about 25% of the maritime trade of the entire island of Ireland.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Caernarfon Harbour Limit	Marine Management Organisation	Medium	Caernarfon Harbour Trust harbour limits are bounded by the Menai Suspension Bridge and Caernarfon Bay. It is also the Competent Harbour Authority responsible for the provision of pilotage throughout the Menai Strait.	Operational													
Carlingford Lough Harbour Authority	Oceanwise	Medium	Harbour authority for Carlingford Lough.	Operational													
Castletown Harbour	Oceanwise	Medium	Castletown is a heritage harbour consisting of outer and inner drying harbours. It is mainly used by inshore fishing vessels, local and visiting pleasure craft and occasional coasters.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Conwy Harbour	Oceanwise	Medium	500 pontoon berths.	Operational													
Dee Conservancy	Oceanwise	Medium	Dee Conservancy is the formal name given to a defined area for which Environment Agency Wales is the conservancy, harbour and local lighthouse authority. This area includes the River Dee and its estuary, extending from Wilcox Point downstream of the weir at Chester, seawards to an imaginary line linking the Point of Ayr on the Welsh coast to Hilbre Point on the Wirral	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Derbyhaven Harbour	Oceanwise	Medium	A shallow water bay sheltered by an island breakwater, Derbyhaven's southeast position makes it ideal for leisure craft, but not suitable for commercial vessels.	Operational													
Donaghadee Harbour	Oceanwise	Medium	Ards and North Down Borough Council. Leisure and fishing port.	Operational													
Douglas Harbour Vessel Control Limit	Oceanwise	Medium	Douglas Harbour Vessel Control Limit.	Operational													
Drogheda Port Company Pilotage District	Oceanwise	Medium	Drogheda Port Company Pilotage District.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Dublin Port Company	Oceanwise	Medium	Dublin Port Company is a State-owned commercial company responsible for operating and developing Dublin Port. Dublin Port is the largest freight and passenger port in Ireland with all cargo handling activities carried out by private sector companies operating in intensely competitive markets within the Port.	Operational													
Dundalk Port Company	Oceanwise	Medium	Dundalk is a small port near the mouth of Castletown River, equidistant between Dublin and Belfast. Traffic figures: Approx 350,000t of cargo and 200 vessels handled by the port annually. Dundalk Port Company.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Dundalk Port Company Pilotage District	Oceanwise	Medium	Dundalk Port Company Pilotage District.	Operational													
Garlieston Harbour	Oceanwise	Medium	Garlieston Harbour is the base for a few small fishing vessels with several pleasure craft also mooring in the harbour area.	Operational													
Heysham Port	Oceanwise	Medium	Heysham Port.	Operational													
Holyhead Harbour	Oceanwise	Medium	A commercial and ferry port in Anglesey, Wales, handling more than 2 million passengers each year.	Operational													
Howth Harbour	Oceanwise	Medium	Fishing village harbour.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Isle of Whithorn Harbour	Oceanwise	Medium	Dumfries and Galloway. High commerical fisheries importance. Pleasure craft.	Operational													
Lancaster Port	Oceanwise	Medium	Lancaster Port. located at the mouth of the River Lune on the NW coast of England. The port has one dock and a number of river berths with a total quayage of 598m. These facilities accommodate small coastal general cargo and bulk vessels.	Operational													
Laxey Bay Harbour	Oceanwise	Medium	A small port on the east coast half way between Douglas and Ramsey. It is used by a small number of leisure craft and inshore fishing vessels.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Loch Ryan Port	Oceanwise	Medium	Loch Ryan Port is operated by Stena Line Ports Ltd., who are the statutory Harbour Authority.	Operational													
Loch Ryan/Stranraer Harbour	Oceanwise	Medium	Stranraer Harbour is one of the busiest ports in the region due to ferry traffic and fishing vessels.	Operational													
Mostyn Docks	Oceanwise	Medium	The Port of Mostyn Ltd is located in the central Irish Sea where it has been a significant trading point between the UK and Ireland.	Operational													
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine	Marine Management Organisation	High	Liverpool City Council proposes to construct a new Cruise Passenger Terminal at the existing Princes Jetty Site to cater for the year on year increase in passenger numbers since the opening of the	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Management Licence			existing cruise terminal in 2008. Plans have been scaled back due to funding, new proposals are to expand existing terminal.														
Peel Harbour	Oceanwise	Medium	Traditionally a major fishing port which used to host a huge fishing fleet, Peel remains the most active fishing port on the Isle of Man.	Operational													
Pilot boarding place	Oceanwise	Medium	Various pilot boarding places in the Irish Sea.	Operational													
Port Erin	Oceanwise	Medium	Port Erin is a seaside village/port in the south-west of the Isle of Man.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Port of Barrow	Oceanwise	Medium	The south-west Cumbrian Port of Barrow plays a key role in serving the offshore energy industry in the region described as Britain's "energy coast". The port has 15ha of secure open storage and is the site of BAE Systems' submarine design and manufacturing facility. 110,000 tonnes of cargo are handled by the Port of Barrow each year.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Port of Cairnryan	Oceanwise	Medium	Port of Cairnryan Ltd is the statutory harbour authority governing the operation of Cairnryan port. The company is wholly-owned by Larne Harbour Ltd. part of the P&O Ferries group. P&O Ferries operate a passenger and freight service from Cairnryan to Larne in Northern Ireland. This route is the shortest, fastest commercial ferry crossing between Great Britain and Ireland. There are up to 16 scheduled ferry sailings daily.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Port of Fleetwood	Oceanwise	Medium	Situated on the Lancashire coast, Fleetwood is well established as one of the UK’s major ports for ro-ro traffic to and from Northern Ireland, and has been a major fishing port for 90 years. The sheltered enclosed dock houses a marina with 300 fully serviced berths, a dry storage compound and comprehensive facilities for the leisure sailor. It is an ideal base for cruises to Morecambe Bay and the Irish Sea.	Operational													
Port of Garston	Oceanwise	Medium	Located on the north bank of the Mersey, ABP’s Port of Garston specialises in handling a wide array of cargo, from dry bulks to steel products and annually	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			handles around 500,000 tonnes of cargo.														
Port of Kirkcudbright	Oceanwise	Medium	Kirkcudbright Harbour is the busiest commercial fishing harbour in Dumfries and Galloway with much of the landed catch being processed locally.	Operational													
Port of Larne	Oceanwise	Medium	Can handle vessels up to 185 m long.	Operational													
Port of Liverpool	Oceanwise	Medium	The Port of Liverpool operates two container terminals, the Royal Seaforth Container Terminal (RSCT) and Liverpool2.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Manchester Ship Canal	Oceanwise	Medium	The Manchester Ship Canal is one of the UK's most vibrant trading hubs. Running from the Mersey Estuary into the heart of Manchester, it is a 36-mile-long seaway supporting a range of industries.	Operational													
Port of Workington	Oceanwise	Medium	A municipal port on the west coast of the UK handling up to 500,000 tonnes of cargo per year with particular expertise in the dry bulk, liquid bulk, energy, project cargo, break bulk (forest products) and container sectors	Operational													
Port Saint Mary	Oceanwise	Medium	Port St Mary is a port in the southwest of the Isle of Man.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Port William Harbour	Oceanwise	Medium	On the coast of Luce Bay in Galloway.	Operational													
Ramsey Harbour	Oceanwise	Medium	This is a well sheltered, tidal (+/- 2 ½ hours HW) port. The harbour is busy with commercial vessels dealing with regular lo-lo services from the United Kingdom and Ireland and is the only Manx port with facilities to handle imports of bulk cement.	Operational													
Stranraer East Pier	Oceanwise	Medium	East pier within Stranraer harbour.	Operational													
Warrenpoint Harbour Authority	Oceanwise	Medium	Harbour authority for Warrenpoint.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Whitehaven Harbour	Oceanwise	Medium	Whitehaven Harbour is primarily a recreational marina with 400 berths.	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.17 Offshore cumulative effects matrix – shipping and navigation – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Anchorage areas	N/A	N/A	d	d	d	d	d	a	a	a	d	d	d	d	a
Belfast Harbour	147.2	164.2	d	d	d	a	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Caernarfon Harbour Limit	46.3	26.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Carlingford Lough Harbour Authority	132.2	141.2	d	d	d	d	d	a	a	d	d	d	d	d	a
Castletown Harbour	47.6	64.4	d	d	d	d	d	a	d	d	d	d	d	d	a
Conwy Harbour	34.1	6.8	d	d	d	d	d	a	a	d	d	d	d	d	a
Dee Conservancy	42.6	19.7	d	d	d	d	d	d	a	d	d	d	d	d	a
Derbyhaven Harbour	47.7	65.1	d	d	d	d	d	d	a	d	d	d	d	d	a
Donaghadee Harbour	134.4	152.1	d	d	d	d	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Douglas Harbour Vessel Control Limit	41.1	60.4	d	d	d	d	d	d	a	d	d	d	d	d	a
Drogheda Port Company Pilotage District	135.3	139.1	d	d	d	d	d	a	a	d	d	d	d	d	a
Dublin Port Company	134.7	137.8	d	d	d	d	d	d	a	d	d	d	d	d	a
Dundalk Port Company	138.5	146.8	d	d	d	d	d	d	d	d	d	d	d	d	a
Dundalk Port Company Pilotage District	140.5	147.1	d	d	d	d	d	d	d	d	d	d	d	d	a
Garlieston Harbour	110.5	132.5	d	d	d	d	d	d	d	d	d	d	d	d	a
Heysham Port	61.0	69.5	d	d	d	d	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Holyhead Harbour	47.8	43.0	d	d	d	d	d	d	a	d	d	d	d	d	a
Howth Harbour	136.1	138.9	d	d	d	d	d	a	d	d	d	d	d	d	a
Isle of Whithorn Harbour	100.6	122.5	d	d	d	d	d	a	a	d	d	d	d	d	a
Lancaster Port	58.6	65.0	d	d	d	d	d	d	a	d	d	d	d	d	a
Laxey Bay Harbour	48.9	69.8	d	d	d	d	d	d	a	d	d	d	d	d	a
Loch Ryan Port	145.3	166.2	d	d	d	d	d	a	d	d	d	d	d	d	a
Loch Ryan/Stranraer Harbour	137.7	158.5	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Mostyn Docks	30.8	7.6	d	d	d	d	d	d	a	d	d	d	d	d	a
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine Management Licence	57.4	41.6	d	d	d	d	d	d	d	d	d	d	d	d	a
Peel Harbour	62.7	81.8	d	d	d	d	d	d	a	d	d	d	d	d	a
Pilot boarding place	N/A	N/A	d	d	d	d	d	a	d	d	d	d	d	d	a
Port Erin	56.6	72.6	d	d	d	d	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Port of Barrow	48.2	58.1	d	d	d	d	d	d	a	d	d	d	d	d	a
Port of Cairnryan	142.4	163.3	d	d	d	d	d	a	a	d	d	d	d	d	a
Port of Fleetwood	54.6	64.3	d	d	d	d	d	d	a	d	d	d	d	d	a
Port of Garston	65.2	45.8	d	d	d	d	d	d	a	d	d	d	d	d	a
Port of Kirkcudbright	109.7	131.6	d	d	d	d	d	d	a	d	d	d	d	d	a
Port of Larne	153.7	171.5	d	d	d	d	d	d	a	d	d	d	d	d	a
Port of Liverpool	18.8	19.0	d	d	d	d	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

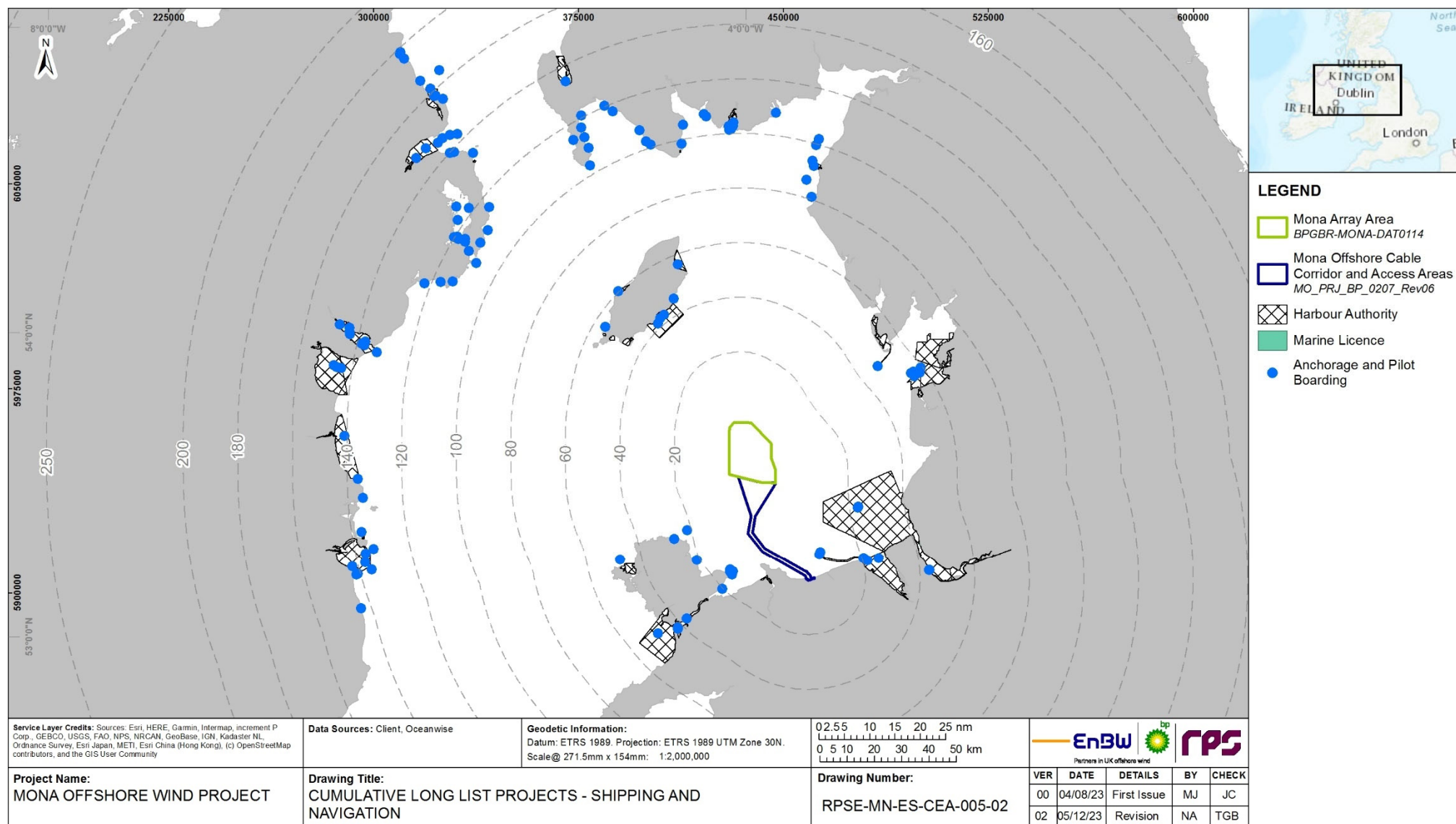
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Manchester Ship Canal	64.5	43.2	d	d	d	d	d	a	a	d	d	d	d	d	a
Port of Workington	96.0	117.3	d	d	d	d	d	d	a	d	d	d	d	d	a
Port Saint Mary	53.1	69.4	d	d	d	d	d	d	a	d	d	d	d	d	a
Port William Harbour	111.8	133.4	d	d	d	d	d	d	a	d	d	d	d	d	a
Ramsey Harbour	57.8	79.5	d	d	d	d	d	a	a	d	d	d	d	d	a
Stranraer East Pier	137.7	158.5	d	d	d	d	d	d	a	d	d	d	d	d	a
Warrenpoint Harbour Authority	145.5	155.3	d	d	d	d	d	a	a	d	d	d	d	d	a



## MONA OFFSHORE WIND PROJECT

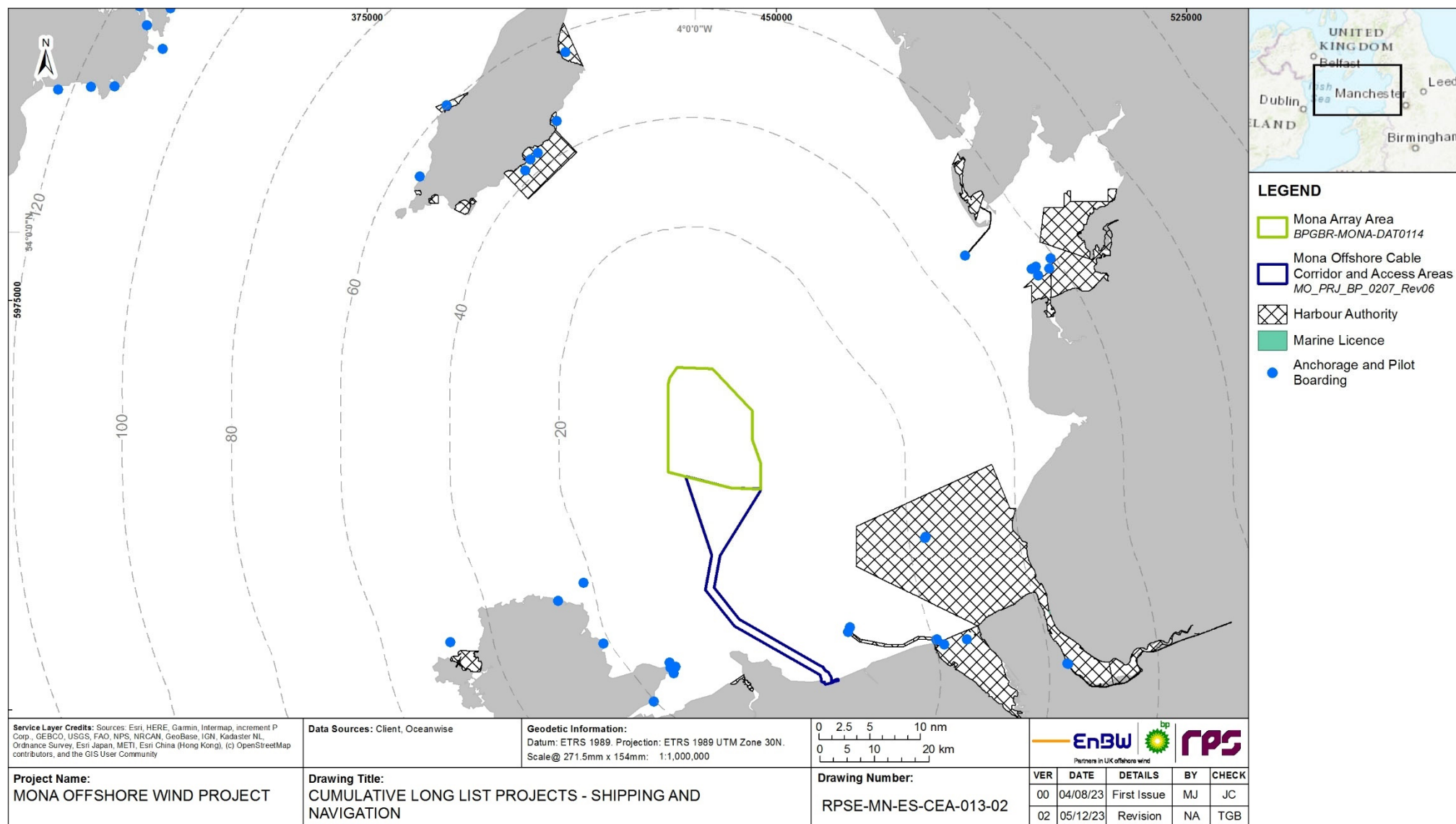
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Whitehaven Harbour	85.5	106.6	d	d	d	d	d	a	a	d	d	d	d	d	a

# MONA OFFSHORE WIND PROJECT



**Figure 1.11: Shipping and navigation projects, plans and activities considered in the Mona Offshore Wind Project CEA.**

# MONA OFFSHORE WIND PROJECT



**Figure 1.12: Shipping and navigation projects, plans and activities considered in the Monna Offshore Wind Project CEA (zoomed to east Irish Sea).**

# MONA OFFSHORE WIND PROJECT

## 1.18 Offshore cumulative effects matrix – military, aviation and radar – temporal

1.18.1.1 The following military, aviation and radar projects are shown in Figure 1.13 and Figure 1.14.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
D201B: Aberporth	Aeronautical Information Service	Medium	Ranges, danger and exercise areas. Aberporth is a test and evaluation range where missile-firing takes place.	Operational													
D201D: Aberporth	Aeronautical Information Service	Medium	Activity: Live Firing / Bombing / Pilotless Target Aircraft / Unmanned.	Operational													
D201H: Aberporth	Aeronautical Information Service	Medium	Ranges, danger and exercise areas. Aberporth is a test and evaluation range where missile-firing takes place.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
D401: Ballykinler	Oceanwise	Medium	The range, D401, is used for small arms up to Mortar and Anti Tank weapons.	Operational													
D402A: Luce Bay (N)	Civil Aviation Authority	Medium	Bombing training facility.	Operational													
D402B: Luce Bay (N)	Civil Aviation Authority	Medium	Bombing training facility.	Operational													
D402C: Luce Bay (N)	Civil Aviation Authority	Medium	Demolition of Unexploded Ordnance.	Operational													
D403: Luce Bay	Civil Aviation Authority	Medium	Air to air firing, bombing.	Operational													
D403A: Luce Bay	Civil Aviation Authority	Medium	Demolition of Unexploded Ordnance, surface explosions.	Operational													
D405: Kirkcudbright	Civil Aviation Authority	Medium	Demolition of Unexploded Ordnance, firing.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
D406: Eskmeals	Civil Aviation Authority	Medium	Live weapons test and evaluation range.	Operational													
D406C: Eskmeals	Civil Aviation Authority	Medium	Live weapons test and evaluation range.	Operational													
D509: Campbeltown	Civil Aviation Authority	Medium	Military danger area for High & Low Angle Gunnery, HM Ships, Pilotless Target Aircraft, Surface to Surface Firing, Torpedo Firing.	Operational													
X5306: Altcar	Oceanwise	Medium	Grenade and rifle firing range.	Operational													
X5402: Ardglass	Oceanwise	Medium	Air General, HM Ships, submarine exercises.	Operational													
X5403: Peel	Oceanwise	Medium	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational													
X5406: Juniper Rock	Oceanwise	Medium	Military activity area for Air General, HM Ships,	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			Submarine Exercises.														
X5407: Magee	Oceanwise	Medium	Air General, HM Ships, submarine exercises.	Operational													
X5408: Beaufort	Oceanwise	Medium	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational													
X5525: Ballantrae	Oceanwise	Medium	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational													
X5526: Corsewall	Oceanwise	Medium	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational													
X5527: Maiden	Oceanwise	Medium	Air General, HM Ships, submarine exercises.	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.19 Offshore cumulative effects matrix – military, aviation and radar – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
D201B: Aberporth	68.7	70.1	d	d	d	d	d	d	d	d	d	d	d	d
D201D: Aberporth	103.9	98.3	d	d	d	d	d	a	d	d	d	d	d	d
D201H: Aberporth	85.6	76.3	d	d	d	d	d	a	d	d	d	d	d	d



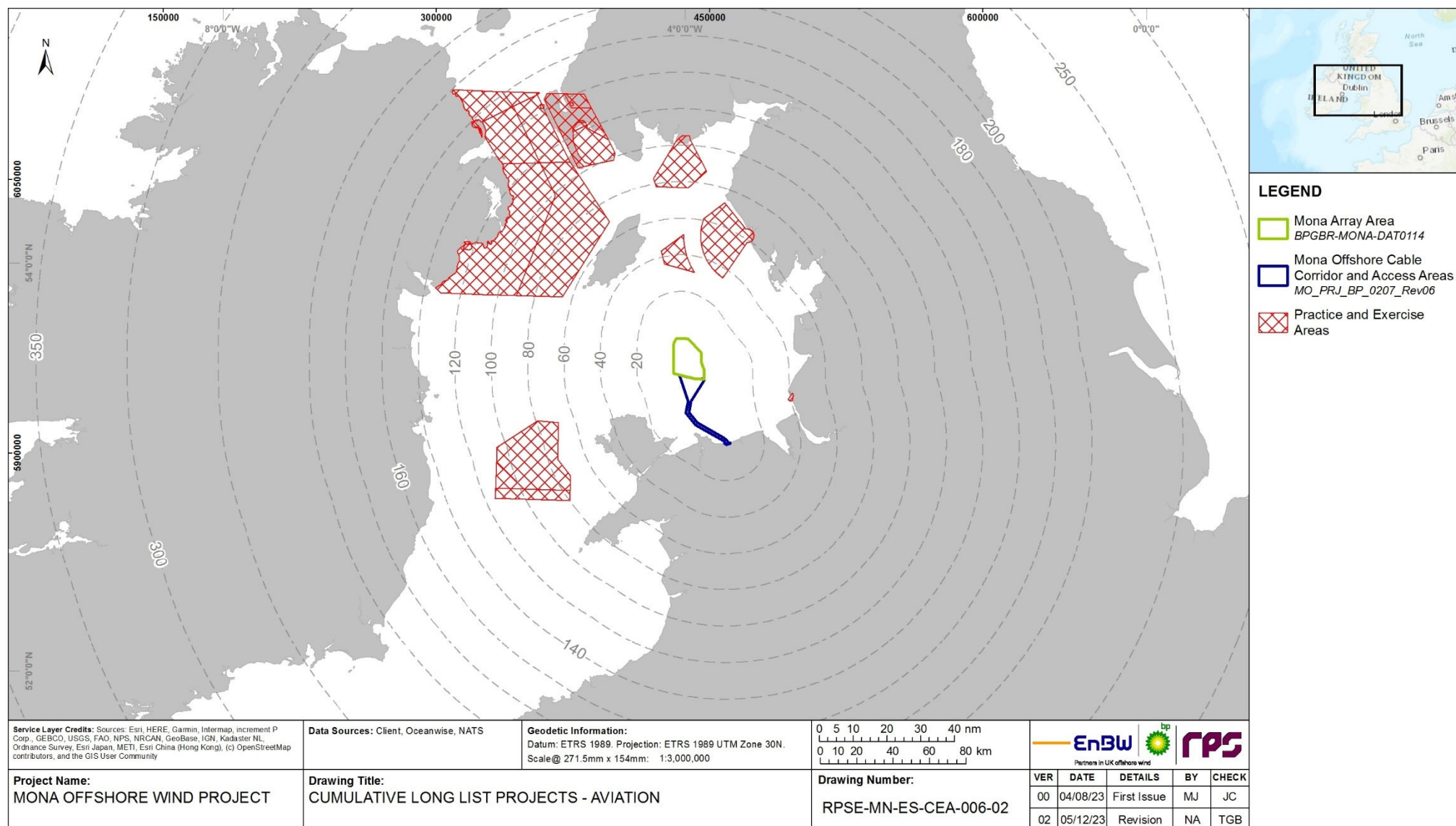
## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
D401: Ballykinler	122.3	134.9	d	d	d	d	d	d	d	d	d	d	d	d	a
D402A: Luce Bay (N)	105.9	126.7	d	d	d	d	d	a	d	d	d	d	d	d	a
D402B: Luce Bay (N)	134.5	155.9	d	d	d	d	d	d	d	d	d	d	d	d	a
D402C: Luce Bay (N)	139.6	160.7	d	d	d	d	d	d	d	d	d	d	d	d	a
D403: Luce Bay	103.6	125.1	d	d	d	d	d	a	d	d	d	d	d	d	a
D403A: Luce Bay	126.5	147.3	d	d	d	d	d	d	d	d	d	d	d	d	a
D405: Kirkcudbright	82.6	104.4	d	d	d	d	d	a	d	d	d	d	d	d	a
D406: Eskmeals	38.4	57.7	d	d	d	d	d	d	d	d	d	d	d	d	a
D406C: Eskmeals	36.5	58.5	d	d	d	d	d	d	d	d	d	d	d	d	a
D509: Campbeltown	153.8	174.1	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

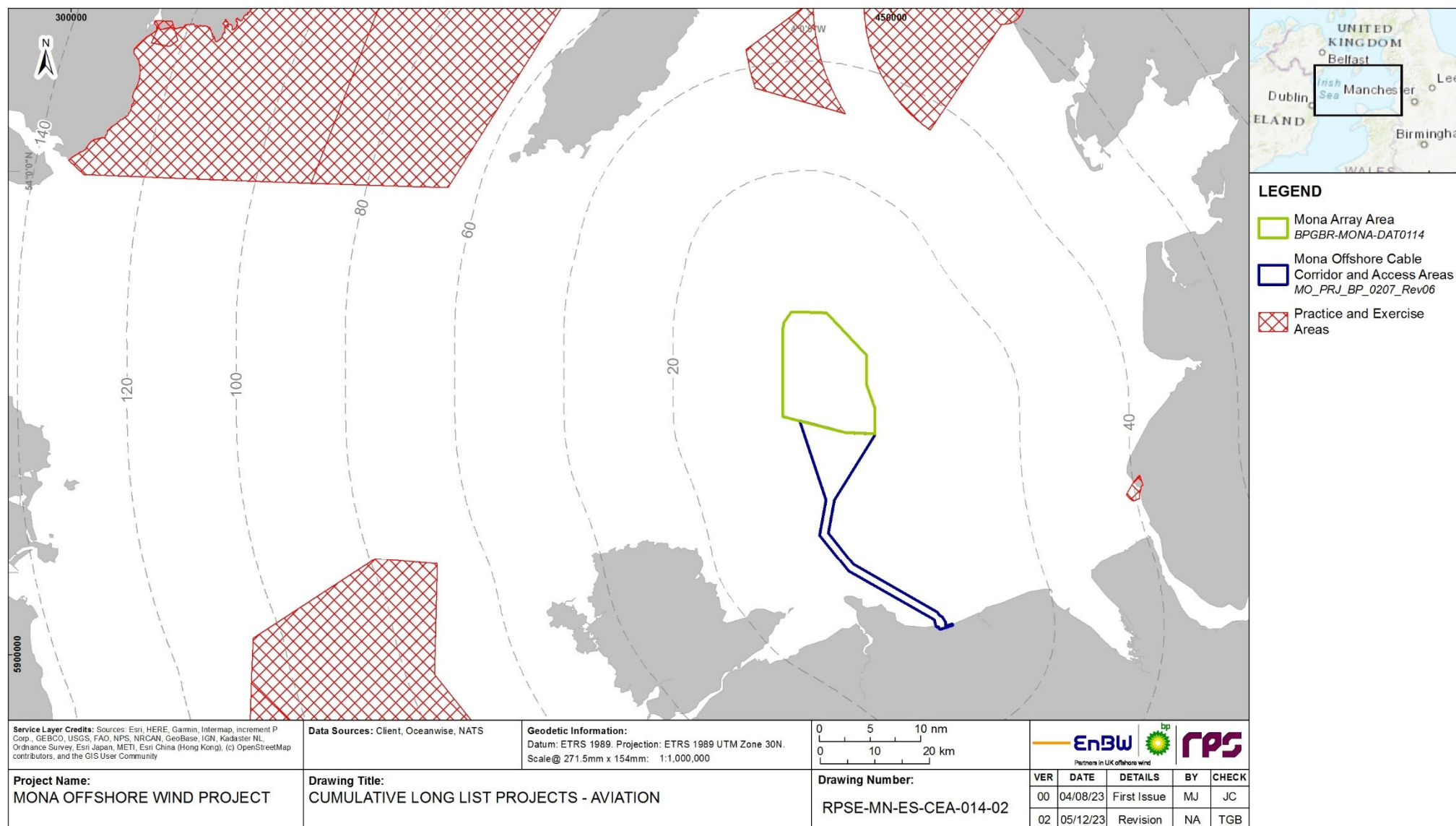
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
X5306: Altcar	47.4	40.4	d	d	d	d	d	d	a	d	d	d	d	d	a
X5402: Ardglass	89.9	100.9	d	d	d	d	d	d	a	d	d	d	d	d	a
X5403: Peel	65.1	78.8	d	d	d	d	d	d	a	d	d	d	d	d	a
X5406: Juniper Rock	145.4	165.7	d	d	d	d	d	a	a	d	d	d	d	d	a
X5407: Magee	121.9	141.0	d	d	d	d	d	d	a	d	d	d	d	d	a
X5408: Beaufort	112.9	133.1	d	d	d	d	d	d	a	d	d	d	d	d	a
X5525: Ballantrae	153.8	174.1	d	d	d	d	d	d	a	d	d	d	d	d	a
X5526: Corsewall	153.8	174.1	d	d	d	d	d	d	a	d	d	d	d	d	a
X5527: Maiden	153.4	171.2	d	d	d	d	d	d	a	d	d	d	d	d	a

# MONA OFFSHORE WIND PROJECT



**Figure 1.13: Military, aviation and radar projects, plans and activities considered in the Mona Offshore Wind Project CEA.**

# MONA OFFSHORE WIND PROJECT



**Figure 1.14: Military, aviation and radar projects, plans and activities considered in the Monna Offshore Wind Project CEA (zoomed to east Irish Sea).**

## MONA OFFSHORE WIND PROJECT

### 1.20 Offshore cumulative effects matrix – coastal – temporal

1.20.1.1 The following coastal projects are shown in Figure 1.15 and Figure 1.16.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Aberystwyth Coastal Defence Scheme (CDS) - Investigations	NRW	High	Site investigations will take place on the promenade and on the beach. The trial pitting and boreholes on the promenade will be above high water (and are therefore not subject to a marine licence). However, hand dug sampling (with a bucket and spade) on the beach and inspections of sea wall foundations will take place in the dry during	Under construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			low tide. The investigations will also involve nonintrusive bathymetric and geophysical surveys by boat, using sensor equipment.														
Afon Wen Sheet Pile Repairs	NRW	High	Due to a large storm event, some of the sheet piles installed at Afon Wen sea wall have become dislodged, exposing a void within the concrete protection for the sea wall, and exposing Network Rail infrastructure. Sheets are to be reinstalled / repaired.	Under construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Awel y Môr Offshore Windfarm GI	NRW	High	Part of the onshore campaign includes 3 boreholes and 3 CPTs within the intertidal region of the AyM export cable corridor (below MHWS). propose to collect the boreholes in the intertidal area by accessing them from onshore and using light cable percussion drilling methodologies as part of the onshore ground investigation works.	Under construction													
Barmouth Beach Management	NRW	High	Programme to move accumulated sand from the area directly in front of the southern promenade sea wall in Barmouth twice a year. Sand will be deposited either in the dune area to the west of Ynys y Brawd causeway, or at	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			the northern end of the promenade.														
Barmouth Viaduct Gardens	NRW	High	The scheme is located on the eastern side of Barmouth, Gwynedd, directly adjacent to the railway viaduct on the lower reaches of the Mawddach Estuary. Consists of repair of sea wall, erect floodgate and insall new drainage network.	Under construction													
Belfast Flood Alleviation Scheme	DAERA	High	The scheme is split into five flood cells extending through various parts of the city; Lockview/Stranmillis, Ormeau, Ravenhill, Sydenham/East Belfast, Belfast Harbour/City Centre.	Under construction													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Bord Gais Networks Dublin	Irish Government	High	Foreshore licence application for a gas pipeline trenchless crossing of River Tolka, Dublin.	Operational													
Broadmeadow Way Greenway	Irish Government	High	Fingal County Council proposes to develop the Broadmeadow Way, a new greenway (shared footpath and cycleway).	Operational													
Leven Viaduct	Marine Management Organisation	High	The Leven Viaduct site comprises two approach embankments on either side of Leven Viaduct span. This project is required to protect the railway embankment from further erosion to ensure the stability of the railway line. The works include a section of new stone armour, re-pointing and repairs to existing pitching.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Parton to Harrington Sea Wall No 3	Marine Management Organisation	High	Parton to Harrington Sea Wall No. 3 is a 0.45 km section of coastal defence. Preventative works are required to maintain the operational railway line and mitigate against a potential wash out. UTX needs to be repaired.	Operational													
Meathop Embankment	Marine Management Organisation	High	Meathop Embankment is a sea defence between Arnside and Grange over Sand station. Areas with missing masonry or open joints will be raked out before being mortar filled to match the existing, the joints will be fully filled and trowelled off level with the pitching.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Calder Viaduct and Approaches	Marine Management Organisation	High	The project's aim is to repair the existing defences to prevent further erosion and ensure the continued stability of the railway.	Abandoned													
Nethertown - St Bees Sea Walls	Marine Management Organisation	High	It is proposed to reduce the height of the beach cliff by approximately 1m by removing material. It is also proposed to repair the existing stepped concrete and rock armour defence to the north of the unprotected section. This involves concrete repairs, the removal of the existing rock armour and the installation of new rock armour.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Parton - Harrington Sea Walls No.5	Marine Management Organisation	High	Parton - Harrington Sea Walls No.5 is a 1.3 km section coastal defence. The project's aim is to repair the existing sea defences to prevent further erosion and ensure the continued stability of the railway.	Operational													
Clearance of Seawater Intake at BAE Systems (Barrow)	Marine Management Organisation	High	Seawater clearance.	Operational													
Coastal defence repair and Improvement at Barmouth Bay Holiday Village	North Wales Live	High	Construction, Flood defence scheme. The flood defence would prevent overtopping during 1 in 100 year fluvial and 1 in 1000 year tidal events.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Coastal Monitoring Wave Buoy Network	Marine Management Organisation	High	The national network of regional coastal monitoring programmes of England (NNRCMP) consists of 6 regional programmes who monitor coastal processes in support of coastal management and research.	Operational													
Construction of new berthing facilities at D3, Belfast Harbour	DAERA	High	Construction of new berthing facilities at D3 dock in Belfast Harbour for project cargo, break bulk, and dry bulk during the cruise ship off season	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Cumbria Coastal Activities Centre Slipway	Marine Management Organisation	High	Construction of a marine slipway to allow craft associated with the Activity Centre to access the beach and water from the quayside. The slipway will be approximately 38 m long by 4.5 m wide. The slipway is to be constructed of steel sheet piles, suitable fill material and a concrete deck as a result of the local conditions.	Operational													
Deganwy Marine Maintenance Dredge and Disposal	NRW	High	Maintenance dredging previously using water injection methods not proving successful under licence DML1942. New application is requesting use of cutter suction method.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Devonshire Dock Quay	Marine Management Organisation	High	BAE Systems' site at Barrow-in-Furness is to be the subject of a major facilities investment programme over the next 10 years, known as the Site Redevelopment Programme (SRP).	Operational													
Dublin City Council Cycleway	Irish Government	High	Construction of approximately 2 km of segregated pedestrian and cyclist facilities.	Submitted but not yet determined													
Dublin Port Company MP2 Project	Irish Government	High	Foreshore application in respect of the construction of a new Ro-Ro Jetty (Berth 53), the re-orientation of the already consented Berth 52, the lengthening of Berth 50A, the redevelopment of Oil Berth 3, the construction of passenger terminal buildings and a heritage	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			zone, dredging and ancillary site works.														
Dublin Port jetties and terminal yards	An Bord Pleanála	High	15 year permission for development at Oil Berth 3 and Oil Berth 4, Eastern Oil Jetty and at Berths 50A, 50N, 50S, 51, 51A, 49, 52, 53 and associated terminal yards to provide for various elements including new Ro-Ro jetty and consolidation of passenger terminal buildings.	Operational													
Dun Laoghaire Bath refurbishment	Irish Government	High	Foreshore lease application for the	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			refurbishment of the dilapidated baths site.														
Dun Laoghaire Harbour Company	Irish Government	High	Foreshore Licence application for the provision and maintenance of existing moorings within Dun Laoghaire Harbour.	Submitted but not yet determined													
Dun Laoghaire Rathdown County Council - Corbawn Lawn	Irish Government	High	The proposed works involve the transport to site of rock across the foreshore at Corbawn Lane Beach Access, Shankill, Co Dublin.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Dun Laoghaire. Removal of the Linkspan	Irish Government	High	Foreshore application for decommissioning works to facilitate the removal of the Linkspan. It is proposed to dismantle the linkspan using a pontoon and harbour mobile crane. The linkspan will be separated for lifting ashore and then processed on shore by manually cutting the steelwork. The four piles supporting the restraining system are to be burnt off just above the seabed.	Operational													
Eastham Hydropower Project	Marine Management Organisation	High	The proposal is to install two Archimedean Screws in the currently disused lock at Eastham.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Fingal County Council.	Irish Government	High	Construction of a storm water outfall to facilitate a residential development and public infrastructure.	Operational													
Frazer Ferries Foreshore lease application	Irish Government	High	Foreshore lease application for construction of a slipway and associated landing facilities for a car ferry.	Submitted but not yet determined													
Dublin Port Company Pontoon at Berth 50	Irish Government	High	Foreshore lease application for the provision of a new Pontoon at Berth 50 to accommodate Dublin Port Company Tug Boats.	Operational													
Garth (Bangor) Pier refurbishment	NRW	High	Undertake the refurbishment of wind trusses on two phase of the pier superstructure – namely  Repair or replacement of wind truss members.	Under construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			blast clean using reclaimed glass and re-paint.  All the areas of work will be above MHWS and will be fully encapsulated  No work will be undertaken to the supporting columns or piles														
Greater Dublin Drainage Project Ref No. PC0152	An Bord Pleanála	High	Greater Dublin Drainage Project comprising of a Regional Waste Water Treatment Plant and Associated Orbital Drainage Network and Marine Outfall and a new Regional Bio-solids Storage Facility.	Permitted but not yet implemente d													
Harbour reclamation	Welsh Marine Planning Portal	High	Undertaking of marine development works comprising the reclamation of 2.6 ha area of the harbour (including 1ha already	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			consented in License 10/07/ML/2) and the construction of a 270 m solid quay.														
Howley Weir	Marine Management Organisation	High	The proposal comprises a single Archimedes screw turbine, a turbine house building, trash screening, access improvements, an electrical substation and underground cabling. The scheme is expected to generate a peak power output of 160 kW and an average annual energy production of 0.5 GWh.	Operational													
Independent Pipeline Company Ltd.	Irish Government	High	Foreshore licence application for an aviation fuel pipeline under the River Tolka.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Installation of navigational marker beacons, flap valves and concrete repairs at Rhos on Sea	NRW	High	Installation of navigational marker beacons, flap valves, and concrete repairs at Rhos on Sea.	Under construction													
Irish Water - Arklow	Irish Government	High	Foreshore licence application for marine site investigation works associated with the construction of a proposed waste water treatment plant in Arklow.	Submitted but not yet determined													
Irish Water- Dun Laoghaire.	Irish Government	High	Foreshore licence application for extending the storm water outfall out to the sea below MLWS.	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Irish Water Greater Dublin Drainage Outfall	Irish Government	High	Application for a Foreshore Licence to enable the construction of a 5.2 km marine section of a total 5.9km outfall pipeline, including a multiport marine diffuser, as part of the Greater Dublin Drainage Project.	Submitted but not yet determined													
Irish Water Omeath Sewerage Scheme.	Irish Government	High	Foreshore licence application for the purpose of extending an existing outfall pipe and associated works in connection with the proposed Omeath Waste Water Treatment Plant.	Operational													
Irish Water-Swords.	Irish Government	High	Foreshore licence application to replace existing outfall for Swords waste water treatment expansion.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Irish Water-Loughshinny.	Irish Government	High	Foreshore licence application for change of use of existing septic tank outfall to an emergency outfall for the proposed new sewage pumping station.	Operational													
Irish Water-Lusk.	Irish Government	High	Foreshore licence application for an emergency outflow pipe for the pumping station at Lusk waste water treatment plant.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Isle of Man Interconnector Cable - Cable Protection Remedial Works	AWJ Marine	High	1. Cooling water intake and coarse screen removal and cleaning. 2. Desilting of the drumscreen chambers. 3. Fitting and removal of stop log gates. 4. Removal of residual debris from the drumscreen chambers once they are dewatered. 5. Diving activities to inspect coarse screen runners and replace sacrificial anodes. 6. Fitting and removal of the Armfield gates	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Isle of Man to UK Interconnector Cable - Maintenance and Repair	AWJ Marine	High	Coarse screen removal, cleaning and reinstallation and the cooling water intake. Stop log gate installation and removal, Drumscreen forebay dewatering and cleaning, Drumscreen maintenance, inspection and testing. Marine outfall Sea plug installation and removal	Operational													
MaresConnect Interconnector - Surveys	NRW	High	MaresConnect Interconnector Seabed Survey, which will consist of geophysical, geotechnical and environmental surveys operating between March 2024 and December 2025.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Marine Survey & Site Investigatio n Works SOBR1	NRW	High	Work to identify the best cable route to support the proposed installation of a new subsea fibre optic cable system, SOBR1, which will link Ireland to the United Kingdom. The site investigation works will be predominately composed of geophysical survey (considered to be exempt from requiring a marine licence) and geotechnical survey techniques.	Operational													
Marine Survey & Site Investigatio n Works SOBR2	NRW	High	Work to identify the best cable route to support the proposed installation of a new subsea fibre optic cable system, SOBR2, which will link Ireland to the United Kingdom. The site investigation works will	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			be predominately composed of geophysical survey (considered to be exempt from requiring a marine licence) and geotechnical survey techniques.														
Menai Shellfish	NRW	High	The proposed works involve the removal/filling in of the manhole chamber (allowing for a pass-through pipe) and reline 20 m of downstream pipe.	Under construction													
Middleton Wastewater Treatment Works Long Sea Outfall - Maintenance	Marine Management Organisation	High	Maintenance activities.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
National Grid Transmission	Welsh Marine Planning Portal	High	Construction, deposit, removal.	Operational													
Navigation Marker Framework	Marine Management Organisation	High	Inspection, maintenance and repair of United Utilities Navigation Markers.	Operational													
Newbridge, Port Talbot Ground Investigation	NRW	High	NRW are developing a fish passage improvement scheme on the tidal section of the River Afan in Port Talbot. The project is looking to improve passage over a weir structure, that is impassable to fish at midlow tide. As part of the design of the project, some ground investigation needs to be undertaken. This	Under construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			application is to cover the investigation works.														
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine Management Licence	Marine Management Organisation	High	Liverpool City Council proposes to construct a new Cruise Passenger Terminal at the existing Princes Jetty Site to cater for the year on year increase in passenger numbers since the opening of the existing cruise terminal in 2008.	Under Constructio n													
North Wales Wildlife Trust to perform Spinnies Aberogwen Outfall Clearance	NRW	High	Periodically it is necessary to clear debris and material deposited by currents in front of the tidal flap on the outfall of the culvert. The culvert drains the land behind including the Spinnies Aberogwen Nature Reserve and	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			surrounding land and properties.														
Opening of Afon Dysynni channel for internal drain ditches and flood risk	The Welsh Marine Planning Portal	High	Deposit and removal.	Operational													
Pembroke Dock Ground Investigation and Environmental Surveys	NRW	High	Milford Haven Port Authority are looking to complete investigatory boreholes, vibrocores, intertidal core and subtidal grab samples within the Pembroke Dock area to inform planned future works within the Pembroke Port area.	Operational													
Pembroke Power Station Environmental Monitoring	NRW	High	Subtidal benthic grab sampling in Milford Haven and Pennar Gut as part of the with	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			environmental monitoring regime agreed with NRW in the areas surrounding Pembroke Power Station.														
Penthyndeudraeth waste water treatment works - Final effluent outfall pipe repairs	NRW	High	To carry out repairs on behalf of Dwr Cymu Welsh Water on the existing 450 mm Diameter Final Effluent Outfall pipe from Penrhyndeudraeth Waste Water Treatment Works on the sand bank at the Consented Discharge Point to the Afon Glaslyn.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Preston & South Ribble Flood Risk Management Scheme - Phases 1 and 2	Marine Management Organisation	High	The main objective is to reduce the high level of flood risk to 4,778 properties (which includes 517 businesses) in Preston & South Ribble. The Scheme runs to the south of Preston City Centre, along a 4.5km stretch of the Ribble, extending upstream from Liverpool Road Bridge to Walton-Le-Dale. It also includes a 4km stretch of the Darwen from the confluence with the Ribble up to Higher Walton.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Port Talbot Inner Dock Sampling	NRW	High	ABPmer will be conducting surface sediment sampling in the Port Talbot Inner Dock. A hand deployed Van Veen grab sampler will be used to obtain a small sample for contaminant analysis.	Operational													
Rathdown Upper and Rathdown Lower/Greyston es Harbour and North Beach, Greystones, Co. Wicklow	An Bord Pleanála	High	Integrated harbour/marina mixed development at Rathdown Upper and Rathdown Lower/Greystones Harbour and North Beach, Greystones, Co. Wicklow	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Ravensburg Ltd. boardwalk construction	Irish Government	High	Foreshore application for the construction of a public boardwalk with a reinforced glazed flood defence wall on top of the quay wall.	Submitted but not yet determined													
Revetment Repairs, Belfast	DAERA	High	215 m stretch of in-river piling to prevent further collapse of Ravenhill Quay Wall. Installation of sheet piles.	Operational													
RNLI North Division - Regional Licence for Low Impact Maintenance Works	Marine Management Organisation	High	1. Maintenance to Moorings 2. Maintenance to Pontoon Berths (and associated pilings, link-spans, quay walls and approach structures) 3. Minor beach re-profiling works 4. Maintenance to Lifeboat Station Boathouses, slipways & launch ramps 5. Maintenance Activities	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			associated with safety of lifeboat launch and recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging														
Routine maintenance, inspection and testing at Heysham 2 power station	BBC	High	Themed inspection examining control and supervision of operations and maintenance.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Coastal protection at Seabank, Castlebellingham, Co. Louth and Salterstown, Annagassan, Co. Louth.	An Bord Pleanála	High	Coastal protection works at two locations within the Dundalk Bay SAC and SPA.	Operational													
Techworks Marine Foreshore Lease/Licence application for placement of monitoring buoys	Irish Government	High	Foreshore Lease/Licence application for placement of monitoring buoys.	Operational													
The People's Project - Bramley-Moore Dock	Marine Management Organisation	High	Everton Stadium Development Limited are applying to Liverpool City Council ('LCC') for full planning permission for the development of a stadium with associated facilities and infrastructure on the site	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			of Bramley-Moore Dock (BMD), Regent Road, Liverpool.														
Tidal door installation at Beeches outfall - River Dee	NRW	High	Beeches Drain outfall forms part of the raised tidal defence (known as Hawarden Embankment) on the canalised section of the River Dee downstream of Chesterproposed to replace the outer flap valve with new side hung doors that are more efficient in discharging fluvial flows as well as improving the hydrological connectivity to intertidal areas which benefits fish passage. Further information is	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/pla n	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			provided in the enclosed scope/method statement.														
Tidal Valve Clearance at RAF Valley	NRW	High	5-20 Tonnes of sand, shale and silt to be removed from the tidal valves and located further up the beach. To take place as frequently as required – circa 3-6 times per year.	Operational													
Trial seaweed farm	The Welsh Marine Planning Portal	High	Trial seaweed farm. Is the first community owned Seaweed and Shellfish farm in Wales.	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.21 Offshore cumulative effects matrix – coastal – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Aberystwyth Coastal Defence Scheme (CDS) - Investigations	134.0	102.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Afon Wen Sheet Pile Repairs	82.56	60.39	d	d	d	d	d	d	d	d	d	d	d	d	d
Awel y Môr Offshore Windfarm GI	13.5	3.4	d	d	d	d	d	d	d	d	d	d	d	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Barmouth Beach Management	98.4	68.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Barmouth Viaduct Gardens	99.8	69.7	d	d	d	d	d	d	d	d	d	d	d	d	d
Belfast Flood Alleviation Scheme	150.2	165.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Bord Gais Networks Dublin	147.8	151.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Broadmeadow Way Greenway	140.1	143.6	d	d	d	d	d	d	d	d	d	d	d	d	a
Leven Viaduct	72.5	83.6	d	d	d	d	d	f	d	d	d	d	d	d	a
Parton to Harrington Sea Wall No 3	89.9	109.9	d	d	d	d	d	d	d	d	d	d	d	d	a
Meathop Embankment	79.5	89.6	d	d	d	a	d	a	d	d	d	d	d	d	a
Calder Viaduct and Approaches	72.8	92.4	d	d	d	a	d	d	d	d	d	d	d	d	a
Nethertown - St Bees Sea Walls	78.1	98.9	d	d	d	d	d	d	d	d	d	d	d	d	a
Parton - Harrington Sea Walls No.5	90.7	111.8	d	d	d	d	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Clearance of Seawater Intake at BAE Systems (Barrow)	55.9	67.2	d	d	d	a	d	d	a	d	d	d	d	d	a
Coastal defence repair and Improvement at Barmouth Bay Holiday Village	94.6	66.2	d	d	d	a	d	d	d	d	d	d	d	d	a
Coastal Monitoring Wave Buoy Network	45.0	52.1	d	d	d	a	d	a	d	d	d	d	d	d	a
Construction of new berthing facilities at D3, Belfast Harbour	151.0	167.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Cumbria Coastal Activities Centre Slipway	85.6	106.7	d	d	d	d	d	a	d	d	d	d	d	d	a
Deganwy Marine Maintenance Dredge and Disposal	35.4	7.6	d	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mon Array Area (km)	Distance from Mon Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Devonshire Dock Quay	56.6	68.2	d	d	d	a	d	d	d	d	d	d	d	d	a
Dublin City Council Cycleway	142.7	145.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Dublin Port Company MP2 Project	135.3	138.4	d	d	d	d	d	e	d	d	d	d	d	d	d
Dublin Port jetties and terminal yards	137.9	141.0	d	d	d	a	d	d	d	d	d	d	d	d	a
Dun Laoghaire Bath refurbishment	142.7	145.8	d	d	d	a	d	a	d	d	d	d	d	d	a
Dun Laoghaire Harbour Company	142.3	145.4	d	d	d	d	d	a	d	d	d	d	d	d	d
Dun Laoghaire Rathdown County Council - Corbawn Lawn	143.5	145.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Dun Laoghaire. Removal of the Linkspan	142.9	145.9	d	d	d	d	d	a	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Eastham Hydropower Project	65.0	43.5	d	d	d	d	d	d	d	d	d	d	d	d	a
Fingal County Council.	140.4	143.7	d	d	d	d	d	d	d	d	d	d	d	d	a
Frazer Ferries Foreshore lease application	136.9	146.1	d	d	d	d	d	a	d	d	d	d	d	d	d
Dublin Port Company Pontoon at Berth 50	145.8	149.0	d	d	d	d	d	d	d	d	d	d	d	d	a
Garth (Bangor) Pier refurbishment	44.1	23.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Greater Dublin Drainage Project Ref No. PC0152	134.5	137.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Harbour reclamation	47.6	21.9	d	d	d	a	d	a	d	d	d	d	d	d	a
Howley Weir	84.8	68.6	d	d	d	d	d	a	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Independent Pipeline Company Ltd.	147.7	151.0	d	d	d	a	d	d	d	d	d	d	d	d	a
Installation of navigational marker beacons, flap valves and concrete repairs at Rhos on Sea	33.8	2.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Irish Water - Arklow	165.3	161.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Irish Water- Dun Laoghaire.	142.6	145.6	d	d	d	d	d	d	d	d	d	d	d	d	d
Irish Water Greater Dublin Drainage Outfall	134.5	137.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Irish Water Omeath Sewerage Scheme.	148.4	158.0	d	d	d	a	d	d	d	d	d	d	d	d	a
Irish Water- Swords.	143.6	147.1	d	d	d	a	d	d	d	d	d	d	d	d	a
Irish Water-Loughshinny.	134.4	138.0	d	d	d	a	d	d	d	d	d	d	d	d	a
Irish Water-Lusk.	138.8	142.3	d	d	d	a	d	d	d	d	d	d	d	d	a
Isle of Man Interconnector Cable - Cable Protection Remedial Works	23.5	40.1	d	c	a	a	d	d	a	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Isle of Man to UK Interconnector Cable - Maintenance and Repair	21.5	37.0	d	c	a	a	d	d	a	d	d	d	d	d	a
MaresConnect Interconnector - Surveys	12.8	0.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Marine Survey & Site Investigation Works SOBR1	77.65	74.31	d	d	d	d	d	d	d	d	d	d	d	d	d
Marine Survey & Site Investigation Works SOBR2	48.11	51.16	d	d	d	d	d	d	d	d	d	d	d	d	d
Menai Shellfish	44.38	23.54	d	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Middleton Wastewater Treatment Works Long Sea Outfall - Maintenance	66.0	73.8	d	d	d	a	d	d	d	d	d	d	d	d
National Grid Transmission	77.0	49.9	d	d	d	a	d	d	d	d	e	d	d	d
Navigation Marker Framework	71.8	80.1	d	d	d	a	d	d	f	d	d	d	d	d
Newbridge, Port Talbot Ground Investigation	224.89	189.67	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine Management Licence	57.4	41.8	d	d	d	a	d	d	d	d	d	d	d	a
Opening of Afon Dysynni channel for internal drain ditches and flood risk	112.8	83.0	d	d	d	a	d	a	d	d	d	d	d	d
Pembroke Dock Ground Investigation and Environmental Surveys	222.79	197.53	d	d	d	d	d	d	d	d	d	d	d	d
Pembroke Power Station Environmental Monitoring	223.97	199.02	d	d	d	d	d	d	d	d	d	d	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Penthyndeudraeth wast water treatment works - Final effluent outfall pipe repairs	77.14	49.92	d	d	d	d	d	d	d	d	d	d	d	d	d
Preston & South Ribble Flood Risk Management Scheme - Phases 1 and 2	72.6	74.2	d	d	d	a	d	a	f	d	d	d	d	d	a
Port Talbot Inner Dock Sampling	225.31	190.03	d	d	d	d	d	d	d	d	d	d	d	d	d
Rathdown Upper and Rathdown Lower/Greystones Harbour and North Beach, Greystones, Co. Wicklow	144.2	144.8	d	d	d	a	d	a	d	d	d	d	d	d	a

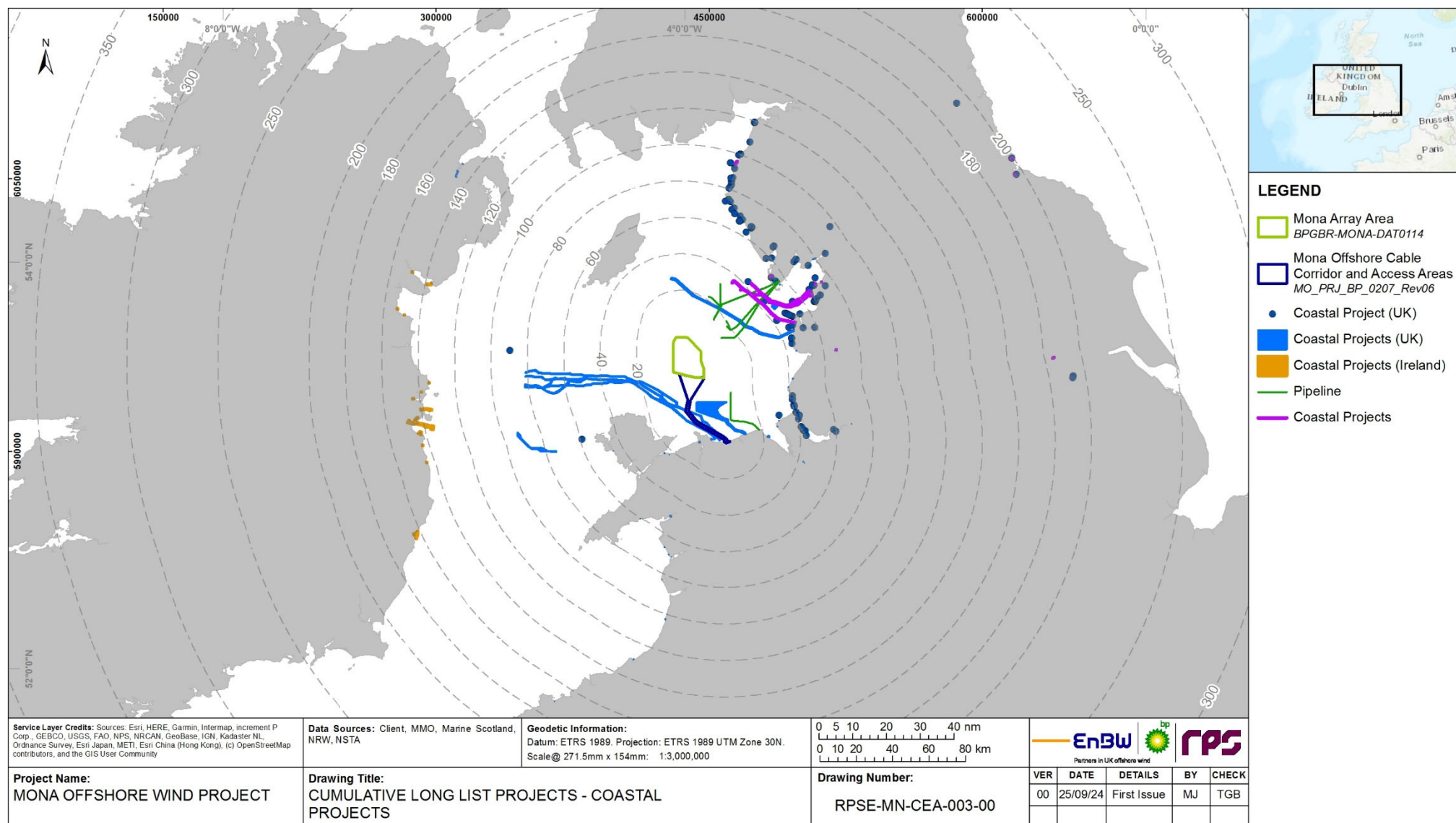
## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)											
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar
Ravensburg Ltd. boardwalk construction	148.6	151.8	d	d	d	d	d	d	d	d	d	d	d	d
Revetment Repairs, Belfast	149.4	164.9	d	d	d	d	d	d	d	d	d	d	d	a
RNLI North Division - Regional Licence for Low Impact Maintenance Works	48.7	40.3	d	c	c	a	d	d	a	d	c	d	d	a
Routine maintenance, inspection and testing at Heysham 2 power station	67.7	75.3	d	d	d	a	d	d	a	d	d	d	d	a
Coastal protection at Seabank, Castlebellingham, Co. Louth and Salterstown, Annagassan, Co. Louth.	148.5	155.3	d	d	d	a	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT

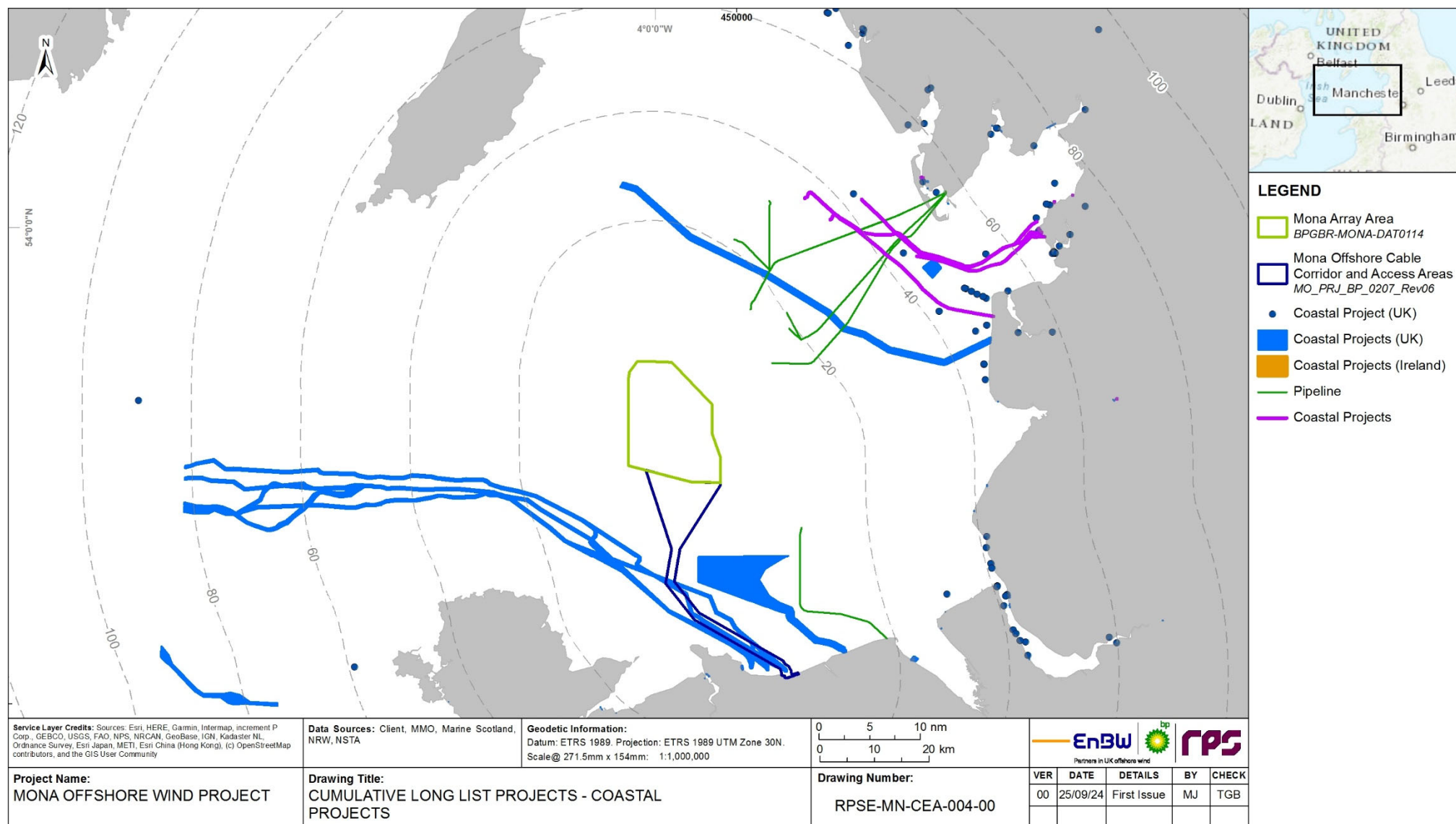
Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor and Access Areas (km)	Mona Offshore Wind Project topic screening (offshore)												
			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	SLVIA Offshore	SLVIA onshore	Aviation and radar	Socio-economics
Techworks Marine Foreshore Lease/Licence application for placement of monitoring buoys	135.9	139.0	d	d	d	a	d	a	d	d	d	d	d	d	a
The People's Project - Bramley-Moore Dock	56.0	41.4	d	d	d	a	d	d	d	d	d	d	d	d	a
Tidal door installation at Beeches outfall - River Dee	72.12	42.30	d	d	d	d	d	d	d	d	d	d	d	d	d
Tidal Valve Clearance at RAF Valley	54.38	45.16	d	d	d	d	d	d	d	d	d	d	d	d	d
Trial seaweed farm	214.3	195.0	d	d	d	a	d	d	d	d	d	d	d	d	a

## MONA OFFSHORE WIND PROJECT



**Figure 1.15: Coastal projects, plans and activities considered in the Mona Offshore Wind Project CEA.**

# MONA OFFSHORE WIND PROJECT



**Figure 1.16: Coastal projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to east Irish Sea).**

## MONA OFFSHORE WIND PROJECT

### 1.22 Onshore cumulative effects matrix – offshore and onshore wind farms – temporal

1.22.1.1 The following existing or proposed offshore and onshore windfarms are shown in Figure 1.17, Figure 1.18 and Figure 1.19.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Askam and Ireleth Wind Farm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MW): 4.6, Number of Wind Turbines: 7, Height of Wind Turbines (m): circa 70	Operational													
Awel y Môr Offshore Wind Farm	The Crown Estate	High	Capacity of 500 MW. Applicant expects consent Q3 2023. Construction to commence 2026, commissioned by 2030.	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Barrow Offshore Wind Farm	The Crown Estate	High	Capacity of 90 MW, 30 wind turbines.	Operational													
Bodtegir (AKA Nant Bach)	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (Mwe): 1.5, Number of Wind Turbines: 1, Height of Wind Turbines (m): 100	Operational													
Brenig Wind Farm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MWe): 37.6, Number of Wind Turbines: 16, Height of Wind Turbines (m): 110	Operational													
Burbo Bank Extension Offshore Wind Farm	The Crown Estate	High	Capacity - 258 MW - 32 wind turbines. Area 40 km²	Operational													
Burbo Bank Offshore Wind Farm	The Crown Estate	High	Capacity of 90 MW. Area - 10 km².	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Burbo Bank Offshore Wind Farm Substation	NGET website	High	Existing substation at Bodelwyddan, providing grid connection for Burbo Bank Offshore Wind Farm.	Operational													
Clocaenog Forest Wind Farm	National Infrastructure Planning website	High	Onshore wind farm, Capacity (MW): 96, Number of Wind Turbines: 32, Height of Wind Turbines (m): 145	Operational													
Dewlay Cheese Wind Turbine	Wyre Borough Council	High	Onshore wind farm, Capacity (MW): 2, Number of Wind Turbines: 1, Height of Wind Turbines (m): circa 80	Operational													
Draig y Môr – Offshore Wind Farm	Wind Power	Low	Mixture of static and floating wind turbines, located off the north coast of county Donegal. Area - 1,324 km².	Pre-Application													
Dublin Array Wind Farm	RWE Renewables	High	Approximately 39 to 50 turbines ~ Total project capacity of between 700MW and 850MW (subject to consideration of turbine choice and final number of turbines installed) ~ Individual	Pre-Application													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			turbine tip heights of between approximately 270 metres and 310 metres														
Fanny House Farm	Lancashire County Council website	High	Onshore wind farm, Capacity (MW): 1.5, Number of Wind Turbines: 1, Height of Wind Turbines (m): 110	Operational													
Foel Fach Onshore Wind Farm	PEDW Planning casework portal	High	Development of National Significance (DNS): Construction and operation of up to 11 turbines, and associated infrastructure.	Pre-application													
Frodsham Marsh Wind Farm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MW): 50.4, Number of Wind Turbines: 19, Height of Wind Turbines (m): 125	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Furness Wind Farm/High Winds	Westmorland and Furness Council	High	Onshore wind farm, Capacity (MW): 11.5, Number of Wind Turbines: 5, Height of Wind Turbines (m): circa 99.5	Operational													
Gwynt y Môr Offshore Wind Farm	The Crown Estate	High	Capacity of 576 MW, 90 km² area.	Operational													
Hafoty Ucha Wind Farm	Conwy County Borough Council website	High	Onshore wind farm, Capacity (MW): circa 3, Number of Wind Turbines: 4, Height of Wind Turbines (m): circa 110	Operational													
Haverigg Wind Farm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MW): circa 6, Number of Wind Turbines: 8, Height of Wind Turbines (m): circa 80	Operational													
Heysham South Wind Farm	Lancashire County Council website	High	Onshore wind farm, Capacity (MW): 7.5, Number of Wind Turbines: 3, Height of Wind Turbines (m): circa 125	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Kingspan	Flintshire County Council website	High	Onshore wind farm, Capacity (MW): 1.8, Number of Wind Turbines: 1, Height of Wind Turbines (m): 78	Operational													
Kirkby Moor Wind Farm	Westmorland and Furness Council	High	Onshore wind farm, Capacity (MW): 1, Number of Wind Turbines: 2, Height of Wind Turbines (m): circa 61	Operational													
Lancaster University	Lancashire County Council website	High	Onshore wind farm, Capacity (MW): 2, Number of Wind Turbines: 1, Height of Wind Turbines (m): circa 100	Operational													
Lir offshore wind project	EnBP	High	Offshore wind project off the coast of Louth/Meath/Dublin.	Pre-application													
Llyn Alaw Windfarm, Llanbabo	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MWe): 20.4, Number of Wind Turbines: 34 , Height of Wind Turbines (m): 53	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
MaresConnect	MaresConnect website	High	Major development: proposed 750MW subsea and underground electricity interconnector system linking the electricity grids in Ireland and Great Britain.	Pre-application													
Mawdesley Moss	Chorley Borough Council	High	Onshore wind farm, Capacity (MW): 2.3, Number of Wind Turbines: 3, Height of Wind Turbines (m): circa 70	Operational													
Moel Maelogen	Conwy County Borough Council website	High	Onshore wind farm, Capacity (MW): 14.3, Number of Wind Turbines: 12, Height of Wind Turbines (m): circa 100	Operational													
Moor Vannin	4C Offshore	High	Proposed offshore wind farm comprising up to 100 wind turbines.	Pre-application													
Morecambe Offshore Windfarm Generation Assets	EnBP	High	Generation assets of the Morecambe Offshore Windfarm.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Morgan Offshore Wind Project Generation Assets	EnBP	High	Application for the generation assets of the 1.5 GW Morgan Offshore Wind Project in the east Irish Sea.	Pre-application													
National Grid Bodelwyddan Substation	NGET website	High	Existing 400kv substation at Bodelwyddan, including Gwynt y Mor Wind Farm Switchgear.	Operational													
North Hoyle Offshore Wind Farm	The Crown Estate	High	60 MW capacity. Area - 10 km².	Operational													
Orchard End Windfarm	Wyre Borough Council	High	Onshore wind farm, Capacity (MW): 4, Number of Wind Turbines: 2, Height of Wind Turbines (m): circa 80	Operational													
Ormonde Offshore Wind Farm	The Crown Estate	High	150 MW capacity. Area - 8.7 km².	Operational													
Pant y Maen Wind Farm	Denbighshire County	High	Onshore wind farm, Capacity (MW): circa 14, Number of	Permitted but not yet implemented													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
	Council website		Wind Turbines: 7, Height of Wind Turbines (m): 125														
Pen Y Bryn Farm Repowering	Conwy County Borough Council website	High	Onshore wind farm, Capacity (MW): 0.85, Number of Wind Turbines: 1, Height of Wind Turbines (m): 86.5	Submitted but not yet determined													
Port of Liverpool Wind Farm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MW): 10, Number of Wind Turbines: 5, Height of Wind Turbines (m): circa 125	Operational													
Promised Land Farm	St Helens Council	High	Onshore wind farm, Capacity (MW): 1, Number of Wind Turbines: 2, Height of Wind Turbines (m): circa 61	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Rhyd-y-Groes Wind Farm - repowering	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MWe): 9.9, Number of Wind Turbines: 11, Height of Wind Turbines (m): 79	Operational													
Rhyl Flats Offshore Wind Farm	The Crown Estate	High	25 wind turbines, 90 MW capacity.	Operational													
Robin Rigg West Offshore Wind Farm	Crown Estate Scotland	High	Adjacent to Robin Rigg East, total capacity across the two projects of 174 MW.	Operational													
Royal Seaforth Dock Wind Farm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MW): 3, Number of Wind Turbines: 6, Height of Wind Turbines (m): circa 70	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Royal Seaforth Dock Repowering	Sefton Council website	High	Decommissioning and removal of five Vestas V44 turbines (maximum tip height of 75m) and the installation of four Enercon E138 turbines with a maximum blade tip of 180 m.	Pre-application													
St Asaph Substation	SP Energy website	High	Existing substation at St Asaph.	Operational													
Tir Mostyn And Foel Goch Wind Farm	Conwy County Borough Council website	High	Onshore wind farm, Capacity (MW): 21.3, Number of Wind Turbines: 25, Height of Wind Turbines (m): 74	Operational													
Trysglwyn Windfarm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm , Capacity (MWe): 5.6, Number of Wind Turbines: 14, Height of Wind Turbines (m): circa 35	Operational													
Walney 1 Offshore Wind Farm	The Crown Estate	High	183.6 MW capacity. Area - 36.5 km².	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Walney 2 Offshore Wind Farm	The Crown Estate	High	183.6 MW capacity. Area - 36.5 km².	Operational													
Walney Extension 3 Offshore Wind Farm	The Crown Estate	High	330 MW capacity.	Operational													
Walney Extension 4 Offshore Wind Farm	The Crown Estate	High	329 MW capacity.	Operational													
Wern Ddu Wind Farm	Denbighshire County Council website	High	Onshore wind farm, Capacity (MW): 9.20, Number of Wind Turbines: 4, Height of Wind Turbines (m): 90	Operational													
West of Duddon Sands Offshore Wind Farm	The Crown Estate	High	389 MW capacity.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Ystgellog Farm Wind Farm	DESNZ Renewable Energy Planning Database	High	Onshore wind farm, Capacity (MWe): 4.6, Number of Wind Turbines: 2, Height of Wind Turbines (m): circa 92.5	Operational													

## MONA OFFSHORE WIND PROJECT

### 1.23 Onshore cumulative effects matrix – offshore and onshore wind farms and cables – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Awel y Môr Offshore Wind Farm	13.52	0.00	0.19	c	c	c	c	c	c	c	c	c	c	c	c
Askam and Ireleth Wind Farm	64.89	102.02	106.13	d	d	d	d	d	d	d	d	d	b	b	d

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Barrow Offshore Wind Farm	43.29	77.37	81.62	d	d	d	d	d	d	d	d	d	b	d	a
Bodtegir (AKA Nant Bach)	45.70	24.69	25.00	d	d	d	d	d	d	d	d	d	b	b	d
Brenig Wind Farm	53.29	13.49	13.83	d	d	d	d	d	d	d	d	d	b	b	d
Burbo Bank Extension Offshore Wind Farm	30.55	25.75	26.75	d	d	d	d	d	d	d	d	d	b	d	a
Burbo Bank Offshore Wind Farm	40.28	30.83	31.88	d	d	d	d	d	d	d	d	d	b	d	a
Burbo Bank Offshore Wind Farm Substation	45.87	0.08	0.54	d	d	d	d	d	a	d	d	d	b	b	d
Clocaenog Forest Wind Farm	58.63	13.44	13.64	d	d	d	d	d	d	d	d	d	b	b	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Dewlay Cheese Wind Turbine	70.53	83.80	84.84	d	d	d	d	d	d	d	d	d	b	b	d
Draig y Môr – Offshore Wind Farm	80.71	93.39	102.70	d	d	d	d	d	d	d	d	d	e	d	d
Dublin Array Wind Farm	127.66	150.69	160.37	d	d	d	d	d	d	d	d	d	d	d	d
Fanny House Farm	70.92	94.65	96.66	d	d	d	d	d	d	d	d	d	b	b	d
Foel Fach Onshore Wind Farm	72.39	30.58	31.11	d	d	d	d	d	d	d	d	d	c	c	d
Frodsham Marsh Wind Farm	76.78	46.84	47.51	d	d	d	d	d	d	d	d	d	b	b	d
Furness Wind Farm/High Winds	67.40	104.56	108.59	d	d	d	d	d	d	d	d	d	b	b	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Gwynt y Môr Offshore Wind Farm	17.83	13.35	20.99	d	d	d	d	d	d	d	d	d	b	d	a
Hafoty Ucha Wind Farm	69.66	27.63	28.19	d	d	d	d	d	d	d	d	d	b	b	d
Haverigg Wind Farm	59.81	101.50	106.33	d	d	d	d	d	d	d	d	d	b	b	d
Heysham South Wind Farm	70.31	93.72	95.72	d	d	d	d	d	d	d	d	d	b	b	d
Kingspan	54.08	18.54	19.28	d	d	d	d	d	d	d	d	d	b	b	d
Kirkby Moor Wind Farm	69.73	107.22	111.26	d	d	d	d	d	d	d	d	d	b	b	d
Lancaster University	75.01	94.88	96.25	d	d	d	d	d	d	d	d	d	b	b	d
Lir offshore wind project	86.60	126.05	136.97	d	d	d	d	d	d	d	d	d	e	d	c

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Llyn Alaw Windfarm, Llanbabo	41.47	53.48	63.94	d	d	d	d	d	d	d	d	d	b	b	d
MaresConnect	0.00	0.00	9.22	e	e	e	e	e	e	e	e	e	d	d	e
Mawdesley Moss	67.85	62.86	63.88	d	d	d	d	d	d	d	d	d	b	b	d
Moel Maelogen	53.00	15.18	20.31	d	d	d	d	d	d	d	d	d	b	b	d
Moor Vannin	34.53	96.70	104.64	d	d	d	d	d	d	d	d	d	c	d	c
Morecambe Offshore Windfarm Generation Assets	8.92	50.28	56.47	d	d	d	d	d	c	d	d	d	e	d	c
Morgan Offshore Wind Project Generation Assets	5.52	72.32	80.01	d	d	d	d	d	c	d	d	d	c	d	c

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
National Grid Bodelwyddan Substation	45.46	0.00	0.37	d	d	d	d	d	a	d	d	d	b	b	d
North Hoyle Offshore Wind Farm	29.56	13.72	17.45	d	d	d	d	d	d	d	d	d	b	d	a
Orchard End Windfarm	66.46	81.94	82.99	d	d	d	d	d	d	d	d	d	b	b	d
Ormonde Offshore Wind Farm	44.02	86.29	91.52	d	d	d	d	d	d	d	d	d	b	d	a
Pant y Maen Wind Farm	56.70	13.40	14.01	d	d	d	d	d	d	d	d	d	b	b	d
Pen Y Bryn Farm Repowering	43.03	8.51	16.31	d	d	d	d	d	d	d	d	d	b	b	d
Port of Liverpool Wind Farm	55.78	37.73	38.70	d	d	d	d	d	d	d	d	d	b	b	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Promised Land Farm	71.13	56.25	57.19	d	d	d	d	d	d	d	d	d	b	b	d
Rhyd-y-Groes Wind Farm - repowering	34.27	52.25	62.98	d	d	d	d	d	d	d	d	d	b	b	d
Rhyl Flats Offshore Wind Farm	25.60	7.62	16.05	d	d	d	d	d	d	d	d	d	b	d	a
Robin Rigg West Offshore Wind Farm	98.64	160.14	166.41	d	d	d	d	d	d	d	d	d	b	d	a
Royal Seaforth Dock Wind Farm	55.78	37.73	38.70	d	d	d	d	d	d	d	d	d	b	b	d
Royal Seaforth Dock Repowering	52.98	36.76	37.75	d	d	d	d	d	d	d	d	d	b	b	d
St Asaph Substation	45.07	0.29	1.20	d	d	d	d	d	a	d	d	d	b	b	d

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Tir Mostyn And Foel Goch Wind Farm	57.90	12.86	13.11	d	d	d	d	d	d	d	d	d	b	b	d
Trysglwyn Windfarm	34.88	47.92	58.54	d	d	d	d	d	d	d	d	d	b	b	d
Walney 1 Offshore Wind Farm	35.36	79.52	85.26	d	d	d	d	d	d	d	d	d	b	d	a
Walney 2 Offshore Wind Farm	34.13	82.34	88.28	d	d	d	d	d	d	d	d	d	b	d	a
Walney Extension 3 Offshore Wind Farm	31.59	88.62	95.68	d	d	d	d	d	d	d	d	d	b	d	a
Walney Extension 4 Offshore Wind Farm	30.73	78.49	84.46	d	d	d	d	d	d	d	d	d	b	d	a

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Wern Ddu Wind Farm	70.23	24.50	24.71	d	d	d	d	d	d	d	d	d	b	b	d
West of Duddon Sands Offshore Wind Farm	31.95	72.24	77.69	d	d	d	d	d	d	d	d	d	b	d	a
Ystgellog Farm Wind Farm	35.31	52.32	62.99	d	d	d	d	d	d	d	d	d	b	b	d

## MONA OFFSHORE WIND PROJECT

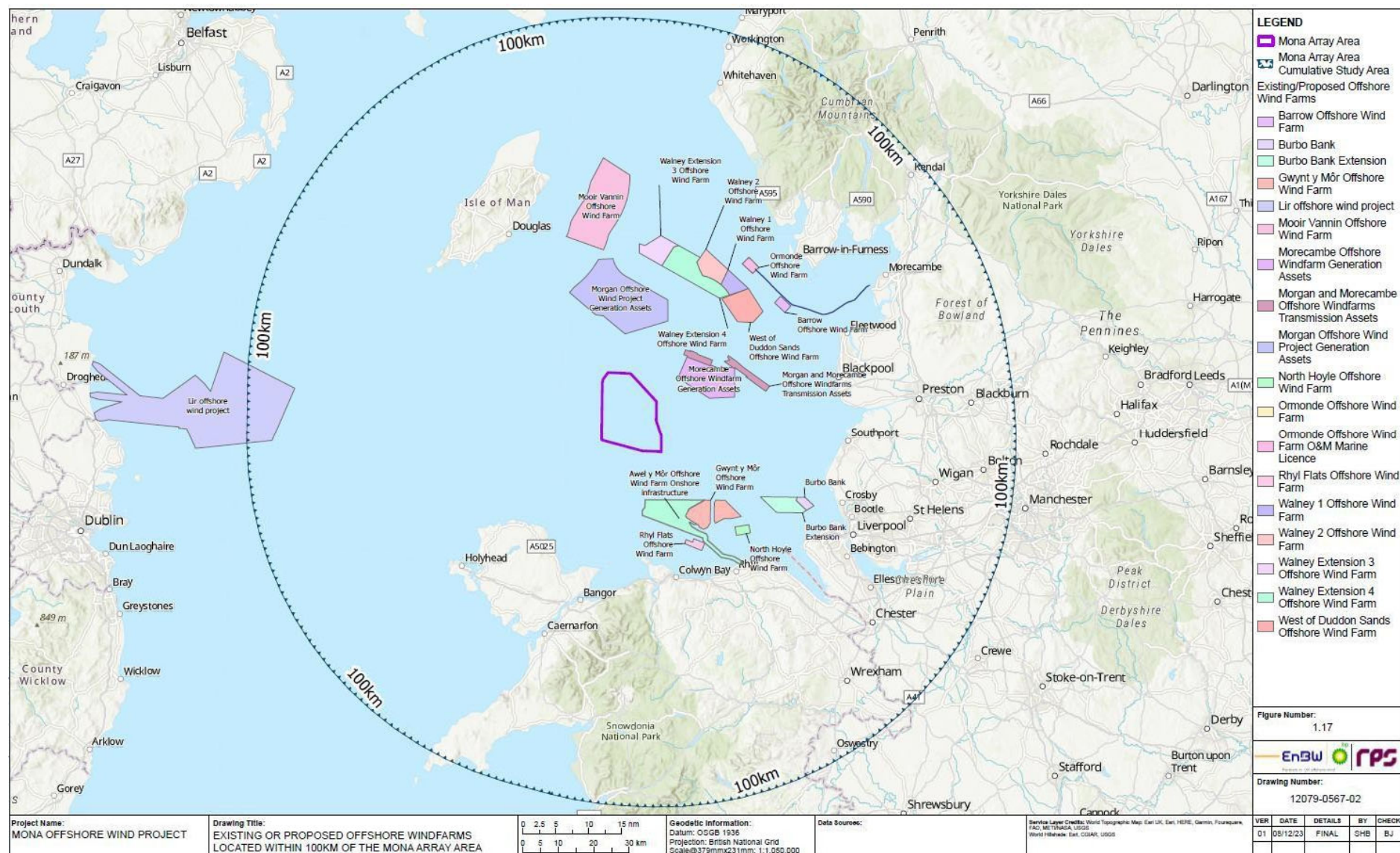
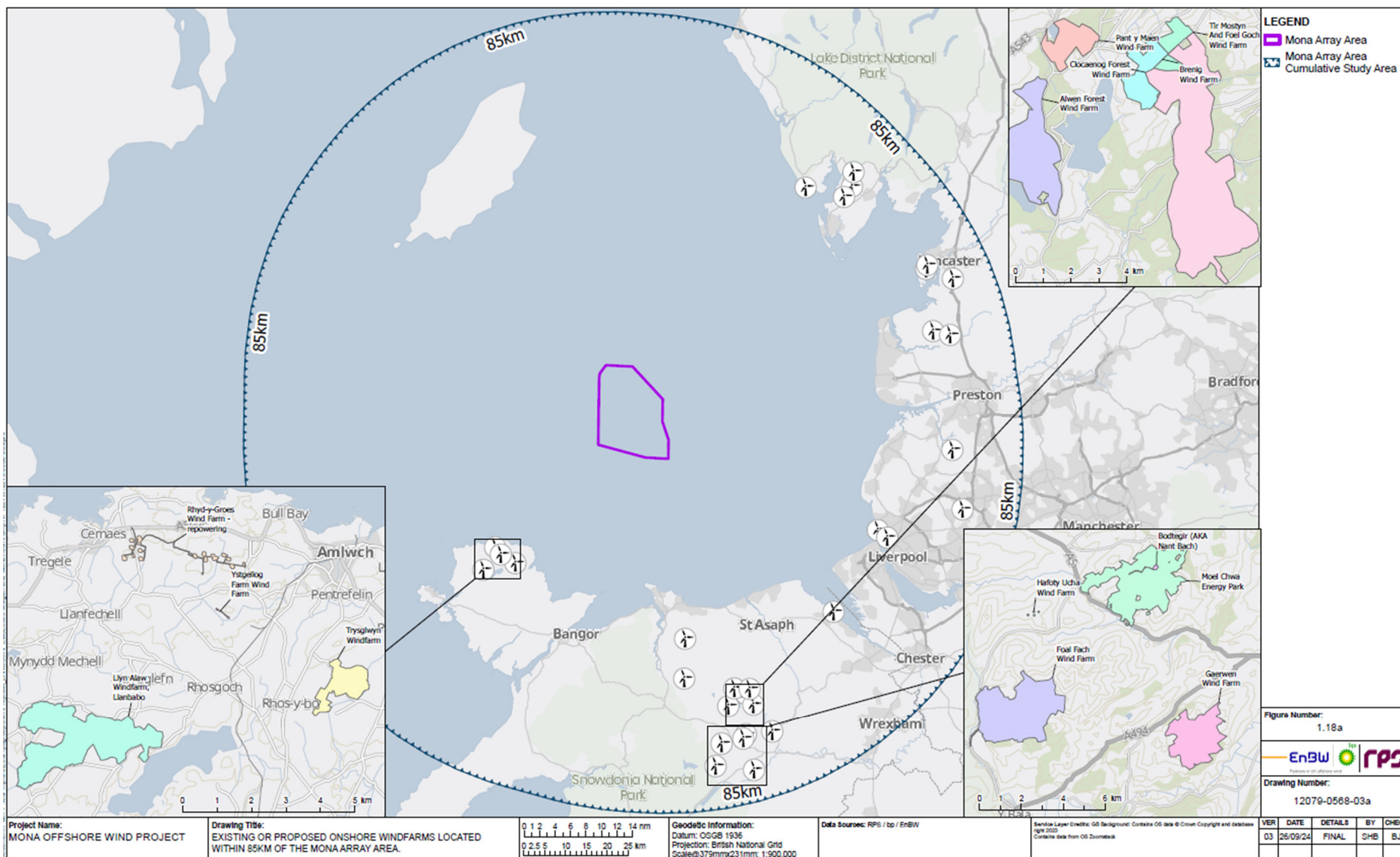


Figure 1.17: Existing offshore wind farms located within 100 km of the Mona Array Area.

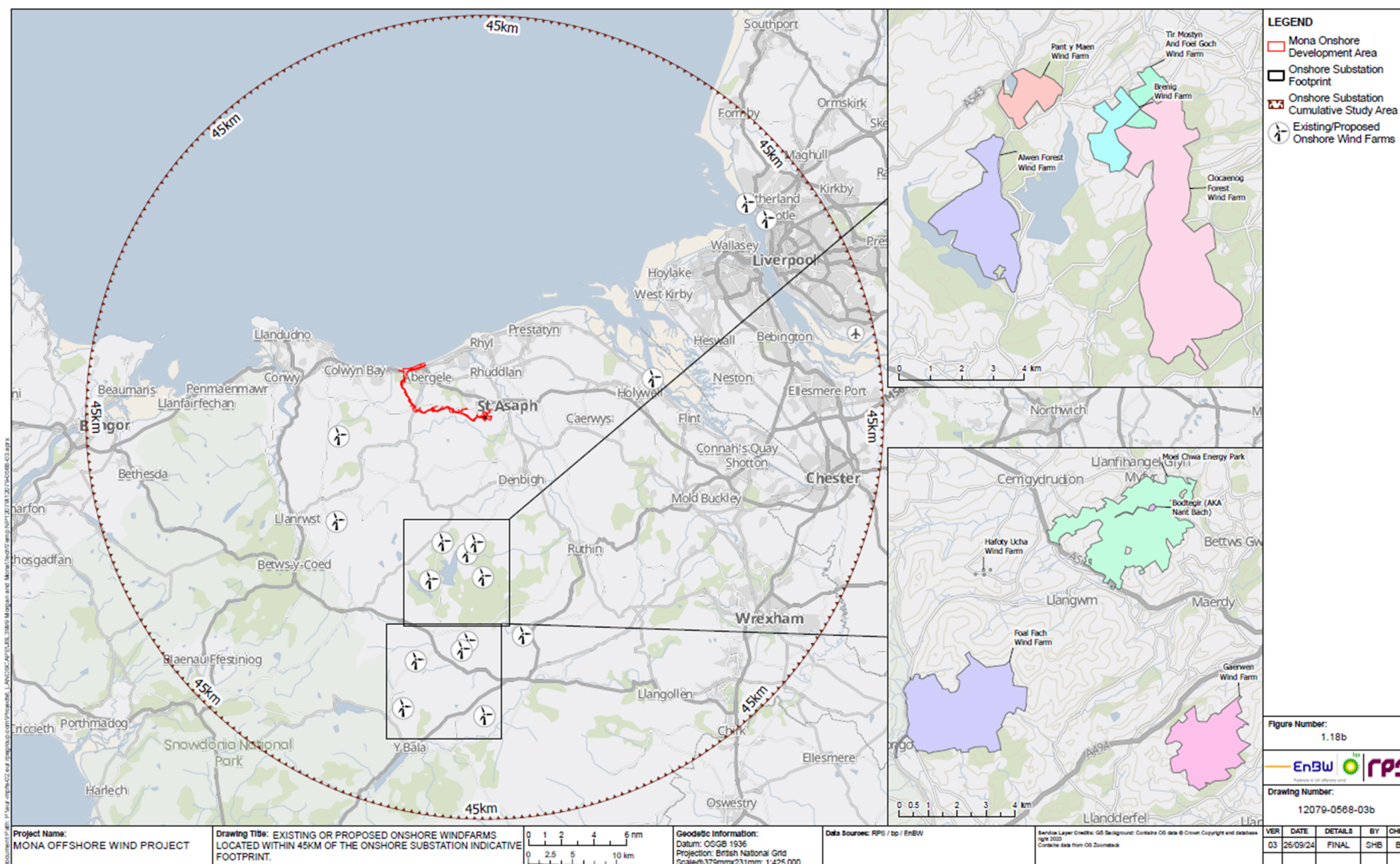


## MONA OFFSHORE WIND PROJECT



**Figure 1.18: Existing or proposed onshore wind farms located within 85 km of the Mona Array Area.**

# MONA OFFSHORE WIND PROJECT



**Figure 1.19: Existing or proposed onshore wind farms located within 45 km of the Mona Onshore Substation indicative footprint.**

## MONA OFFSHORE WIND PROJECT

### 1.24 Onshore cumulative effects matrix – NSIPs, DNS and other existing infrastructure – temporal

1.24.1.1 The following existing or proposed NSIPs, DNS and other existing infrastructure are shown in Figure 1.20, Figure 1.21, Figure 1.22 and Figure 1.23.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Alaw Mon Solar Farm	Welsh Government Planning Casework website	High	Development of National Significance (DNS): Construction of a ground-mounted solar photovoltaic farm and associated energy storage facility, together with associated landscaping, works infrastructure and access.	Pre-application													
Alwen Forest Wind Farm	Welsh Government Planning	High	Development of National Significance (DNS): Over 10 MW renewable energy scheme with an element of community ownership,	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
	Casework website		comprising up to 9 wind turbine generators, battery storage, grid connection, and associated infrastructure.														
Elwy Solar Energy	Welsh Government Planning Casework website	High	Development of National Significance (DNS): Construction of a solar farm and energy storage hybrid park, together with all associated works, equipment and necessary infrastructure (62MW)	Rejected													
Foel Fach Onshore Wind Farm	PEDW Planning casework portal	High	Development of National Significance (DNS): Construction and operation of up to 11 turbines, and associated infrastructure.	Pre-application													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Gaerwen Wind Farm	Welsh Government Planning Casework website	High	Development of National Significance (DNS): Onshore wind farm, up to 15 turbines and associated infrastructure including battery storage.	Pre-application													
HyNet Carbon Dioxide Pipeline	National Infrastructure Planning website	High	Nationally Significant Infrastructure Project (NSIP): A new build carbon dioxide (CO2) pipeline that will transport CO2 produced and captured by future hydrogen producing facilities and existing industrial premises in North West England and North Wales for offshore storage.	Recommendation													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Moel Chwa Energy Park	Welsh Government Planning Casework website	High	Development of National Significance (DNS): Construction and operation of up to 12 wind turbines, overhead power line, anemometer mast, site access tracks, habitat management, and, where necessary off-site highway improvements.	Pre-application													
Pentir Solar Farm	Welsh Government Planning Casework website	High	Development of National Significance (DNS): 50 MW solar farm with ancillary infrastructure.	Pre-application													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
St. Asaph Solar Farm	Welsh Government Planning Casework website	High	Development of National Significance (DNS): The Proposed Development includes the construction, operation and decommissioning of a solar farm with a potential generating capacity of between 10MW and 350MW.	Pre-application													

## MONA OFFSHORE WIND PROJECT

### 1.25 Onshore cumulative effects matrix – NSIPs, DNS and other existing infrastructure – spatial

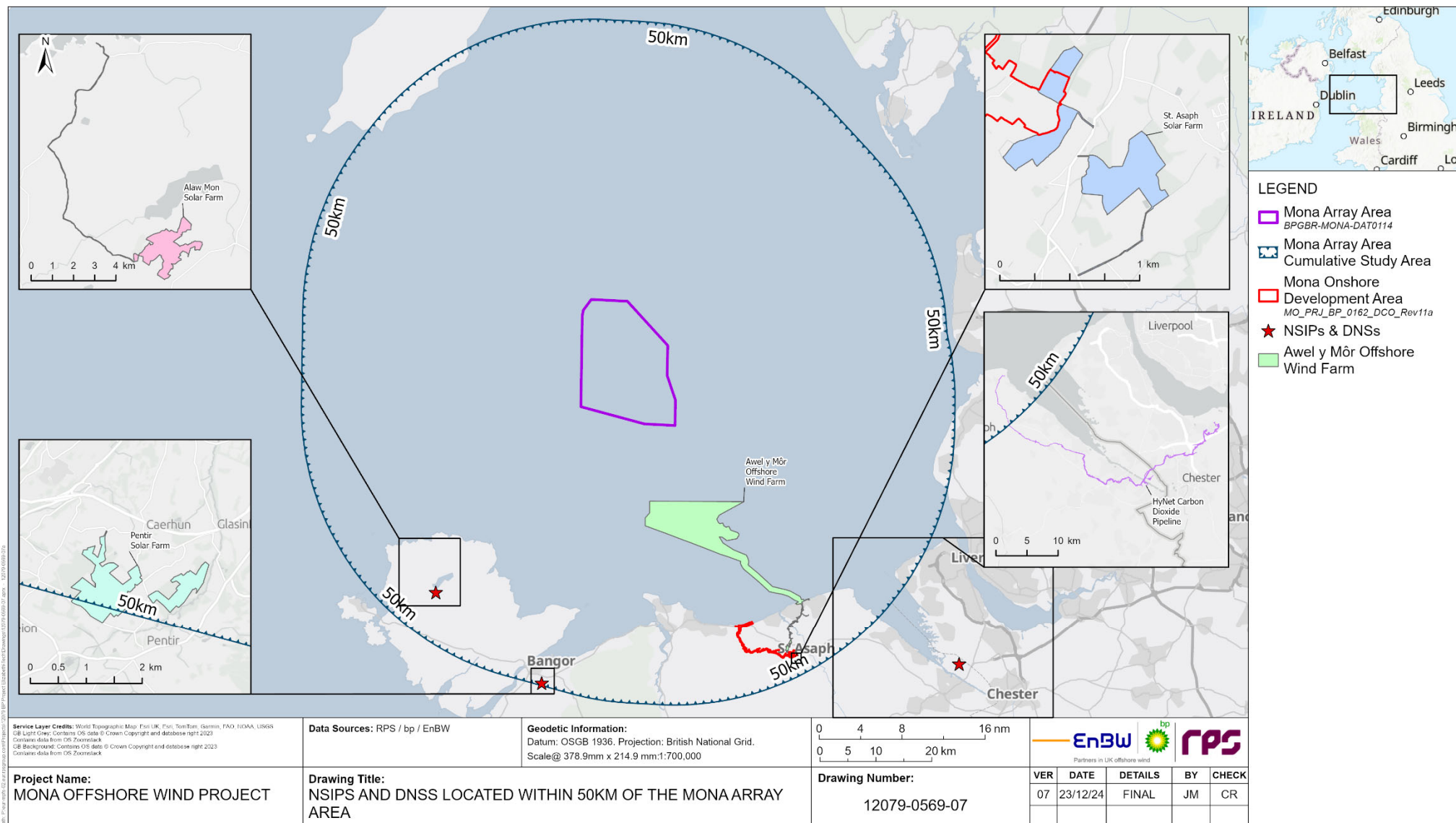
a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Alaw Mon Solar Farm	37.35	51.81	62.09	d	d	d	d	d	d	d	d	d	e	d	d
Alwen Forest Wind Farm	58.46	15.67	16.33	d	d	d	d	d	d	d	d	d	e	d	d
Elwy Solar Energy	51.46	112.71	122.56	g	g	g	g	g	g	g	g	g	g	g	d

## MONA OFFSHORE WIND PROJECT

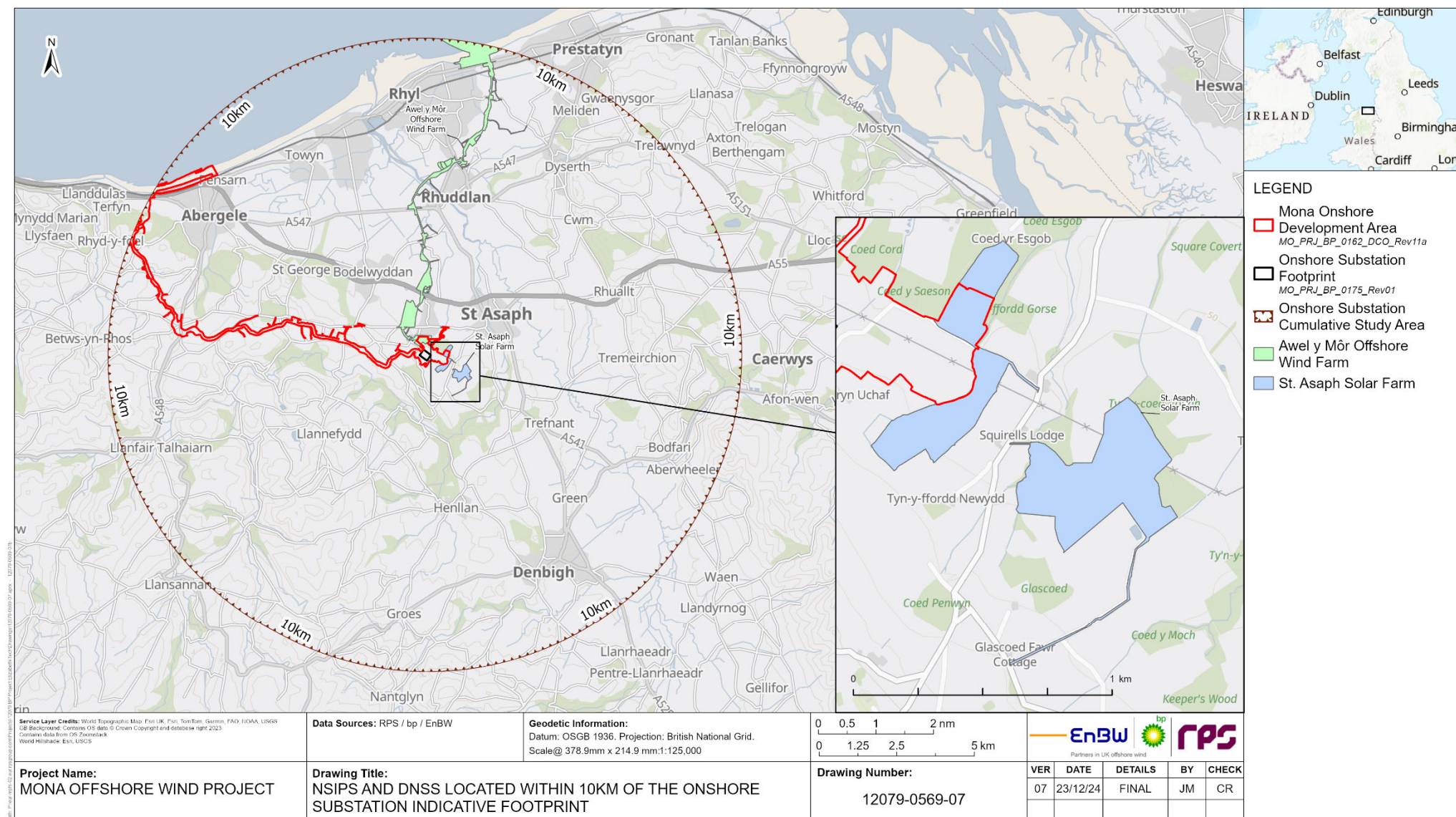
Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Foel Fach Onshore Wind Farm	72.39	30.58	31.11	d	d	d	d	d	d	d	d	d	c	c	d
Gaerwen Wind Farm	75.90	31.34	31.54	d	d	d	d	d	d	d	d	d	e	d	d
HyNet Carbon Dioxide Pipeline	43.39	10.55	11.51	d	d	d	d	d	d	d	d	d	b	b	d
Moel Chwa Energy Park	67.84	23.69	23.97	d	d	d	d	d	d	d	d	d	e	d	d
Pentir Solar Farm	48.67	34.42	43.00	d	d	d	d	d	d	d	d	d	e	d	d
St. Asaph Solar Farm	46.10	0.00	0.37	c	c	c	c	c	c	c	c	c	c	c	d

# MONA OFFSHORE WIND PROJECT



**Figure 1.20: NSIPs and DNSs located within 50 km of the Mona Array Area.**

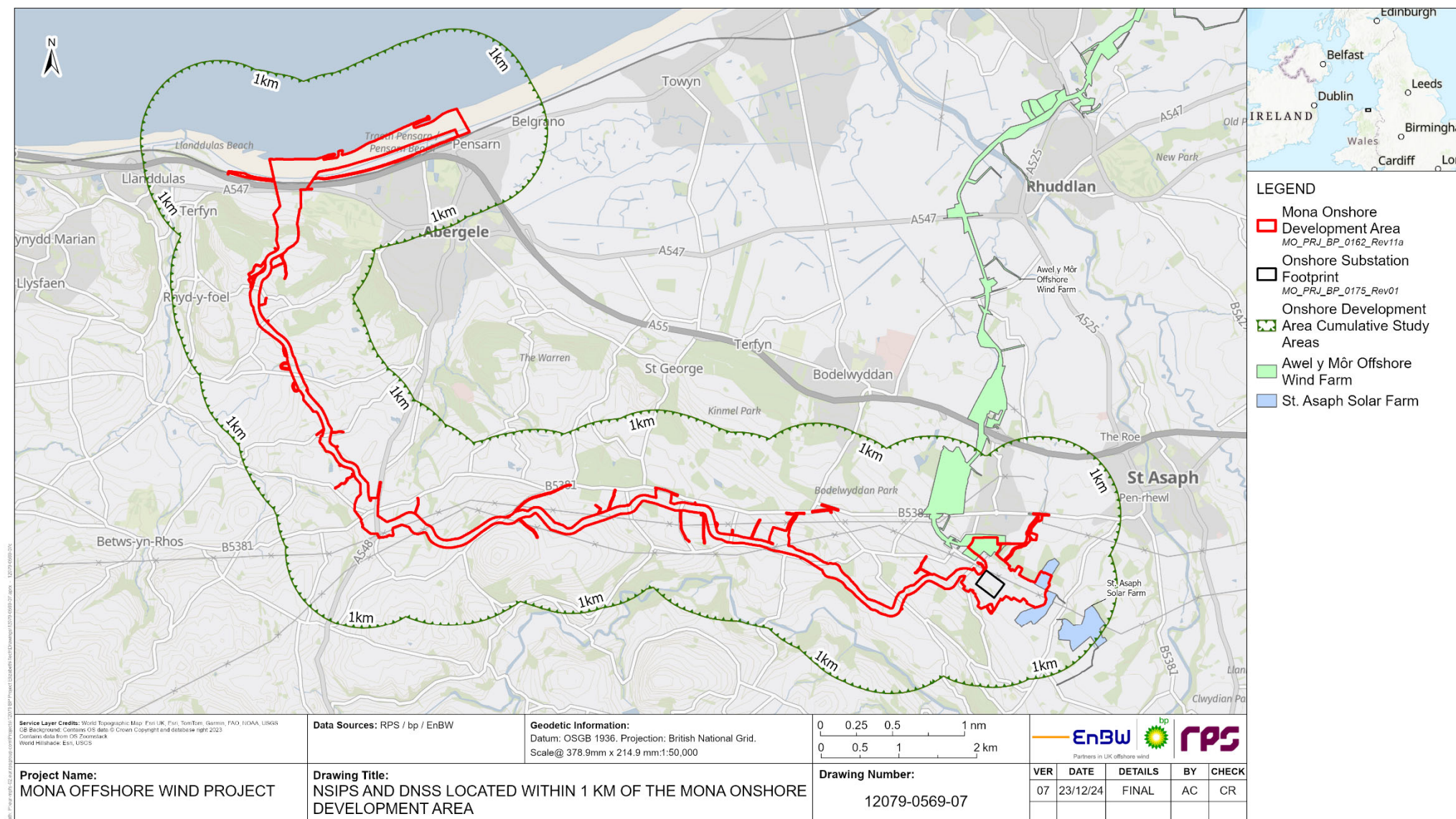


**MONA OFFSHORE WIND PROJECT**

**Figure 1.21: NSIPs and DNSs located within 10 km of the Mona Onshore Substation indicative footprint.**



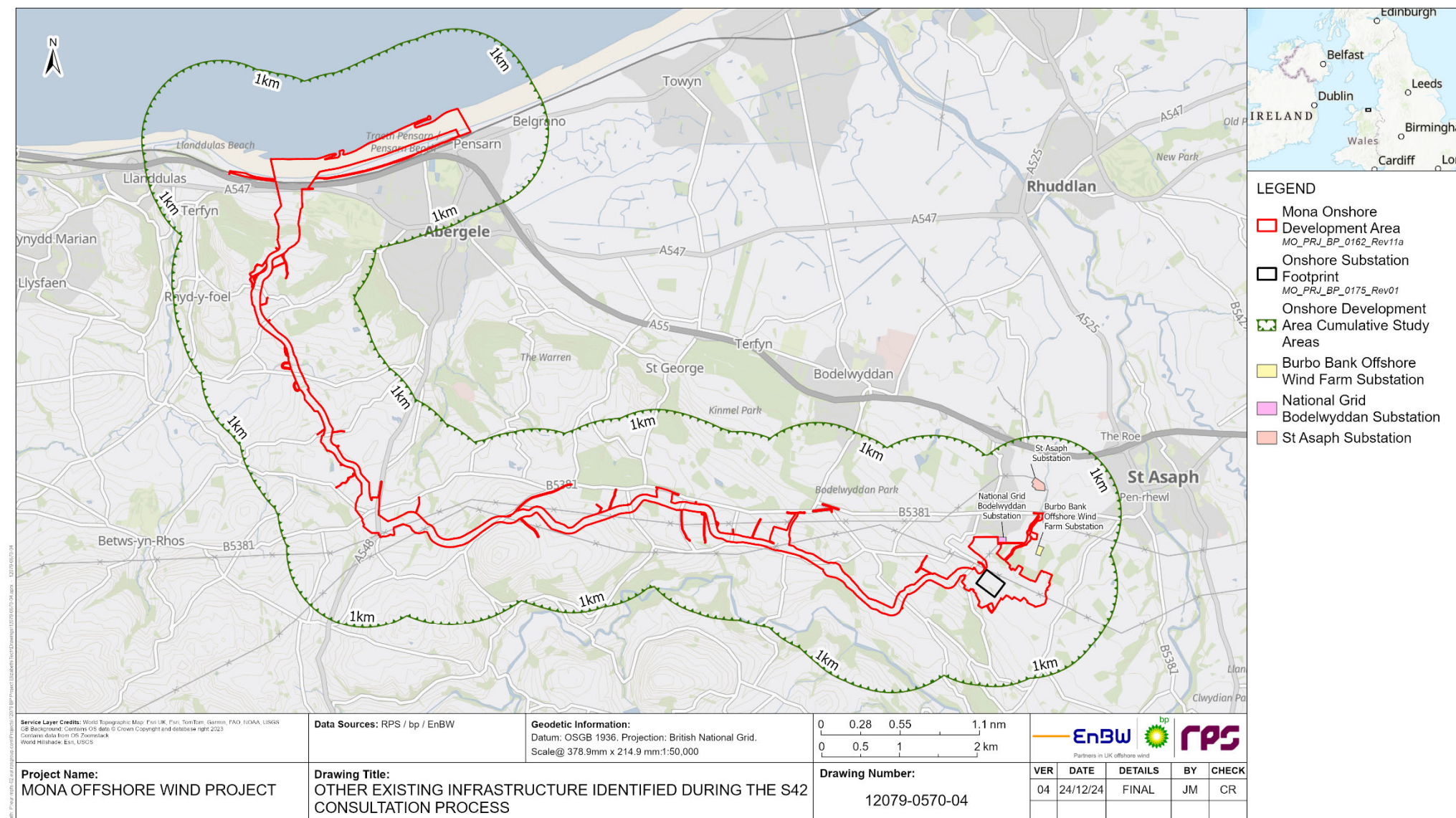
# MONA OFFSHORE WIND PROJECT



**Figure 1.22: NSIPs and DNSs located within 1 km of the Mona Onshore Development Area.**



# MONA OFFSHORE WIND PROJECT



**Figure 1.23: Other existing infrastructure identified during the Section 42 consultation process.**

## MONA OFFSHORE WIND PROJECT

### 1.26 Onshore cumulative effects matrix – Major Developments – temporal

1.26.1.1 The following planning applications for major developments are shown in Figure 1.24, Figure 1.25 and Figure 1.26.

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/37538	Conwy County Borough Council website	High	New Centre for Wildlife Skills and Education	Construction													
Major Development: 0/40735	Conwy County Borough Council website	High	Proposed Residential Development of 54 Dwellings, including conversion of existing Manor House and associated amenities and parking	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/42343	Conwy County Borough Council website	High	Development of Land Opposite Bryn Rodyn, (Dolwen Road) Old Colwyn, for residential housing (Outline Planning Permission) (Phase 2)	Operational													
Major Development: 0/42351	Conwy County Borough Council website	High	Development of Land Opposite Bryn Rodyn, (Dolwen Road) Old Colwyn, for residential housing (Outline Planning Permission) (Phase 1)	Operational													
Major Development: 0/42900	Conwy County Borough Council website	High	Erection of 156 dwellings, access works and landscaping	Pre-construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/43047	Conwy County Borough Council website	High	Change of Use and Extension to Former Workshop to Form a Waste Transfer Station and Use of Land for the Storage of Recovered Wastes and Processing and Storage of Inert Waste	Operational													
Major Development: 0/43058	Conwy County Borough Council website	High	Proposed change of house types with the addition of 6 plots	Operational													
Major Development: 0/43072	Conwy County Borough Council website	High	Redevelopment of Land for the Erection of 18 Apartments and associated works	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/43465	Conwy County Borough Council website	High	Redevelopment of the upper floors to form 21 residential apartments, refurbishment associated ground floor residential communal areas, provision of ground floor residential management office, bin store and cycle storage at Imperial Buildings also known as Imperial Hotel, Station Road, Colwyn Bay, Conwy, LL29 8BP. Revised scheme to that previously granted under code ref 0/38846	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/43522	Conwy County Borough Council website	High	Demolition of existing Conwy Youth Club Building. Construction of new Conwy Culture Centre Building - to include Library, Archive and Museum Facilities, Community Facilities, Cafe and Offices. Formation of new service vehicle and disabled parking access from Bangor Road. Demolition and re-location of existing SPEN Electricity Sub-Station. Landscaping works (hard and soft)	Operational													
Major Development: 0/43706	Conwy County Borough Council website	High	Demolition of 1 dwelling and the erection of 12 apartments	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/43785	Conwy County Borough Council website	High	Redevelopment to create up to 54 apartments, commercial (A3) floorspace, and related access and parking	Operational													
Major Development: 0/43877	Conwy County Borough Council website	High	Demolition of derelict dwelling and outbuildings, proposed residential development of 15 dwellings including road widening (outline planning permission) (Approval of Matters Reserved for Subsequent Approval Under Code reference: 0/37619)	Pre-construction													
Major Development: 0/43983	Conwy County Borough Council website	High	Change of use of adjoining land to create an extension to the existing Tan y Bryn Caravan Park for the siting of 11 additional holiday units	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/44019	Conwy County Borough Council website	High	Conversion and roof extension of St John's Church House (currently a children's play centre) into 10 residential apartments	Operational													
Major Development: 0/44046	Conwy County Borough Council website	High	Demolition of existing Ysgol Dolgarrog school buildings and the construction of a new replacement primary school building. External works to the site include landscaping, car parking and a MUGA to the rear	Operational													
Major Development: 0/44087	Conwy County Borough Council website	High	Conversion of and extension to vacant doctors surgery to form 14 apartments	Construction													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/44106	Conwy County Borough Council website	High	Demolition of former Daily Post and Arriva buildings and erection of supermarket (A1 Use Class) with the formation of a new access off New Road (A546) and associated car parking and landscaping, associated highway works and proposed roundabout	Operational													
Major Development: 0/44133	Conwy County Borough Council website	High	Proposed Erection of 10 Affordable Dwellinghouses and 7 Affordable Flats, Together with Creation of a New Vehicular and Pedestrian Access and Internal Access Road, Changes in Land Levels, and Other Associated Development	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/44389	Conwy County Borough Council website	High	Outline Planning Application for the erection of a manager's house for Travelling Showmen site, covered barn for maintenance of equipment, restoration of former granary to garden store, and green and other infrastructure, demolition of former house and outbuildings. Point of access not reserved	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/44390	Conwy County Borough Council website	High	Full Planning Application for change of use of site (benefiting from an extant consent (1/16320) for motel rooms and lodges (20) to form 18 bed hotel/motel, conversion of granary to restaurant landscaping and access) to site for 13 Park homes for Travelling Showmen families, area for resident only touring caravan storage, external storage area, access and other infrastructure, demolition of former house and outbuildings	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/44478	Conwy County Borough Council website	High	Proposed demolition of Tudno Castle Hotel and redevelopment to provide 63 bed hotel, 5 restaurants units and 1 business unit to include the recreation of the listed facade at the site of the Tudno Castle Hotel	Operational													
Major Development: 0/44548	Conwy County Borough Council website	High	Proposed residential development comprising 52 dwellings and associated roads and open space	Operational													
Major Development: 0/44621	Conwy County Borough Council website	High	Demolition of single storey extensions to and the remodelling & refurbishment of the Fair View Inn into a 6 person 4 bedroom house. The construction of 24 new build 1 and 2 bedroom apartments over 3 and 2.5 storeys with associated car parking and ancillary facilities	Pre-construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/44663	Conwy County Borough Council website	High	Approval of reserved matters application in respect of planning application 0/41960 (Residential development comprising 93 dwellings and associated roads and open space (Outline Application) for the erection of 83 dwellings	Operational													
Major Development: 0/44795	Conwy County Borough Council website	High	Light Industrial Park consisting of a range of industrial units, site access, drainage infrastructure and other ancillary elements including landscaping (Outline)	Operational													
Major Development: 0/44796	Conwy County Borough Council website	High	Construction of a Light Industrial Unit	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/44859	Conwy County Borough Council website	High	Residential development of 22 dwellings and associated infrastructure	Operational													
Major Development: 0/44905	Conwy County Borough Council website	High	Erection of a free range egg production unit including silos and all associated works	Operational													
Major Development: 0/45158	Conwy County Borough Council website	High	Approval of matters reserved in respect of outline planning permission 0/42343 (Development of Land Opposite Bryn Rodyn, (Dolwen Road) Old Colwyn, for residential housing (Outline Planning Permission) (Phase 2))	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/45161	Conwy County Borough Council website	High	Approval of matters reserved in respect of outline planning permission 0/42351 (Development of Land Opposite Bryn Rodyn, (Dolwen Road) Old Colwyn, for residential housing (Outline Planning Permission) (Phase 1))	Operational													
Major Development: 0/45260	Conwy County Borough Council website	High	Conversion of former school into 10 specialist housing units together with the conversion of existing classroom building to a residential unit, the erection of 16 residential units, alterations to the existing access, creation of internal estate road, parking, provision of associated landscaping and demolition of ancillary structures and buildings	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/45297	Conwy County Borough Council website	High	Erection of 73 dwellings, access and open space	Operational													
Major Development: 0/45373	Conwy County Borough Council website	High	Erection of a free range egg production unit including silos and all associated works	Operational													
Major Development: 0/45413	Conwy County Borough Council website	High	Construction of a cattle shed (Planning Application Reference: 0/45413)	Operational													
Major Development: 0/45445	Conwy County Borough Council website	High	Development of 31 bedroom apartments on the site of the former Edelweiss Hotel	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/45480	Conwy County Borough Council website	High	Approval of matters reserved in respect of outline planning permission 0/45157 (Variation of condition 10 of planning consent 0/44389 (Outline Planning Application for the erection of a manager's house for Travelling Showmen site, covered barn for maintenance of equipment, restoration of former granary to garden store, and green and other infrastructure, demolition of former house and outbuildings. Point of access not reserved) to allow for the finished floor levels of the workshop to be a minimum of 4.5 m and the managers house 5.65 m)	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/45515	Conwy County Borough Council website	High	Erection of a new Activity Building and on-site accommodation through the development of a 106-bedroom Hotel. Additional external leisure activities such as nature trails and cycling trails are planned to enhance the leisure offer of the site	Operational													
Major Development: 0/45708	Conwy County Borough Council website	High	Demolition of existing building (A1 use class) and the erection of a four storey apartment block to accommodate 16 affordable housing units together with alterations to existing vehicular access	Operational													
Major Development: 0/45845	Conwy County Borough Council website	High	Erection of 39 dwellings, public open space and all associated works	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/45853	Conwy County Borough Council website	High	Outline planning application for the residential development of an allocated housing contingency site	Operational													
Major Development: 0/45869	Conwy County Borough Council website	High	Conversion of public house and erection of new building to form 20 apartments and associated works	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/46130	Conwy County Borough Council website	High	Conversion of John Braddock (Former Queens Lodge) building to provide 14 apartments and 3 town houses. Demolition of former Mary Bamber Convalescent centre and construction of 46 apartments, 42 new dwellings. Demolition of all other buildings and structures, associated works and car parking, hard and soft landscaping including areas of open space	Construction													
Major Development: 0/46338	Conwy County Borough Council website	High	Outline application for residential development (with all matters reserved)	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/46441	Conwy County Borough Council website	High	Approval of reserved matters (access, general site layout and landscaping) (excluding plots 2, 3, 4 and 5) and Approval of matters required by condition nos. 6, 7, 8, 9, 10, 11, 12, 14 & 15 of outline planning permission 0/44795 (Light Industrial Park consisting of a range of industrial units, site access, drainage infrastructure and other ancillary elements including landscaping (Outline))	Operational													
Major Development: 0/46556	Conwy County Borough Council website	High	Erection of 14 Dwellings, Access and Associated Works	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/46795	Conwy County Borough Council website	High	Retention of workshop building, office building, tipping bay building and storage shed to cover existing activities on site together with the erection of extension to storage shed building	Operational													
Major Development: 0/46906	Conwy County Borough Council website	High	Proposed re-layout of Plas Newydd Caravan Park to accommodate a total of 46 static holiday caravans together with the removal of the existing reception/toilet block, provision of a new reception and environmental improvements throughout	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/46977	Conwy County Borough Council website	High	Proposed residential development for 107 residential dwellings (of which up to 30% will be affordable), public open space, landscaping, means of highway and pedestrian access, local highway and pedestrian infrastructure improvements	Operational													
Major Development: 0/47217	Conwy County Borough Council website	High	Residential Housing Estate consisting of 14. No new residential dwelling houses (Outline Application)	Pre-construction													
Major Development: 0/47438	Conwy County Borough Council website	High	Proposed erection of 2 industrial buildings providing 7 units for B1/B2/B8 use, together with improvements to an existing access and other associated development	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/47520	Conwy County Borough Council website	High	Plot substitutions, further to the granting of permissions 0/45297and 0/46541, to change the housing mix and increase the total number of dwellings proposed from 73 homes to 81 homes across the Site through the replacement of 5 detached houses with 10 semi-detached house types at approved plots 20, 23, 24, 40 and 43; replacement of detached plots 56-59 to 3 pairs of semi-detached homes; replacement of detached plots 44 and 45 with 3 mews houses; substitution of house types at plots 41, 21 and 22; and associated plot boundary treatment changes to accommodate the proposals	Operational													



Document Reference: F5.5.1

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/47596	Conwy County Borough Council website	High	Construction and operation of two B8 warehousing units (in two phases) with ancillary office space, including preparatory earthworks, hardstandings and associated infrastructure	Operational													
Major Development: 0/47627	Conwy County Borough Council website	High	Planning permission for the use of land for storage of recycled inert materials	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/47737	Conwy County Borough Council website	High	Approval of reserved matters in respect Unit 1 only - access, appearance, landscaping, layout and scale of planning consent 0/44795 ( (Light Industrial Park consisting of a range of industrial units, site access, drainage infrastructure and other ancillary elements including landscaping (Outline)).	Operational													
Major Development: 0/47926	Conwy County Borough Council website	High	Full application for the erection of 29 dwellings together with associated roads and open space	Operational													
Major Development: 0/47958	Conwy County Borough Council website	High	Approval of all matters reserved in respect of outline planning permission 0/46338 (Outline application for residential development	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			(with all matters reserved))														
Major Development: 0/47990	Conwy County Borough Council website	High	Erection of 21 dwellings (comprising of 8 2 bedroom houses, 8 3 bedroom houses and 5 2 bedroom bungalows) with associated parking, access and infrastructure	Construction													
Major Development: 0/48144	Conwy County Borough Council website	High	Development of 77 dwellings comprising 21 houses and 56 apartments together with associated external works	Construction													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)													
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
Major Development: 0/48148	Conwy County Borough Council website	High	Amendments to application 0/44478 for the redevelopment of Tudno Castle Hotel to include internal alterations and the creation of 64 square metres additional new floorspace to reduce the restaurant areas and provide an additional 27 bedrooms to create a maximum of up to 90 Bedrooms with associated restaurant unit, 3 retail/ restaurant units and 1no Business Unit at the site of the Tudno Castle Hotel, Llandudno	Operational														
Major Development: 0/48393	Conwy County Borough Council website	High	Details of the appearance of the development and the landscaping to the development site	Pre-construction														

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/48566	Conwy County Borough Council website	High	Demolition of existing buildings and erection of a supported living affordable housing development (Use Class C3), access, parking, landscaping and communal courtyard, drainage infrastructure and associated development.	Construction													
Major Development: 0/48610	Conwy County Borough Council website	High	Erection of a new residential development of 49 dwellings together with associated public open space and access on to Nant-Y-Gamar Road and required on site infrastructure	Operational													
Major Development: 0/48964	Conwy County Borough Council website	High	Proposed demolition of existing dwelling & associated buildings and the erection of a building providing 15 apartments together with associated development.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/49141	Conwy County Borough Council website	High	Demolition of existing buildings and erection of an over 55s affordable housing development comprising of 43 apartments, access, parking, landscaping, drainage infrastructure and associated development	Pre-construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/49272	Conwy County Borough Council website	High	Planning application seeking full planning permission for the implementation of a coastal and storm defence scheme comprising of a series of coastal protection measures, including the construction of a rock revetment along with alterations to provide improved pedestrian and cycle access, and associated public realm improvement works along Colwyn Bay, from Porth Eirias in the west to Splash Point (by Old Colwyn Arches) in the east	Construction													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/49274	Conwy County Borough Council website	High	Construction of coastal defences including a T-shaped rock groyne, eastern groyne raising, repairs to the existing seawall, beach nourishment and public realm improvements including pedestrian/cycle crossing, beach access ramp, re-located and extended car parking, street furniture, promenade resurfacing and soft landscaping, at Glan-Y-Mor Road and Penrhyn Bay Promenade, Penrhyn Bay	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/49306	Conwy County Borough Council website	High	The Colwyn Bay Phase 2B proposed development forms part of the wider Colwyn Bay flood defence and public realm improvements. The proposed development can be split into three distinct aspects; Coastal Works, Public Realm Promenade improvements and landscaping works. The Scheme comprises improvements to the coastal defences in this area along with associated promenade regeneration	Operational													
Major Development: 0/49452	Conwy County Borough Council website	High	Demolition of existing dwelling and erection of 9 new dwellings together with formation of new access and pedestrian footpath.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/49522	Conwy County Borough Council website	High	Approval of all matters reserved in respect of outline planning permission 0/45853 (Outline planning application for the residential development of an allocated housing contingency site)	Operational													
Major Development: 0/49640	Conwy County Borough Council website	High	Change of use of land for the erection of five holiday units with associated works including creation of a new vehicular access, creation of internal access road and parking areas, engineering works and landscaping	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/49674	Conwy County Borough Council website	High	Demolition of extensions to Pwllcrochan House (Grade II Listed Building), the Preparatory School Science and IT building, Assembly Hall and Erskine Cottage and associated outbuildings, and removal of temporary structures associated with Forest School and erection of 73 new dwellings, and change of use and conversion of Pwllcrochan House (Grade II Listed Building) to provide 33 apartments together with the provision of on-site open space and requisite site infrastructure	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/49721	Conwy County Borough Council website	High	Continued use of land for siting of storage containers.	Operational													
Major Development: 0/50158	Conwy County Borough Council website	High	Erection of 3 no. Dwellings together with associated access, parking and landscaping.	Operational													
Major Development: 0/50349	Conwy County Borough Council website	High	The Kinmel Bay Coastal Defence Improvements Scheme includes the following: -Improved rock armour defences -Raising seawalls -Widening the coastal path and improved beach access -New parklets, street furniture, shelter and toilet block - Car park upgrades - Ecological enhancements.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50433	Conwy County Borough Council website	High	Erection of 14 dwellings, access and associated work.	Operational													
Major Development: 0/50750	Conwy County Borough Council website	High	Proposed 2 no 4-storey detached houses with carparking spaces and associated external works and landscape.	Operational													
Major Development: 0/50786	Conwy County Borough Council website	High	Erection of 2 no 50 seater football stands and proposed pathways.	Operational													

**MONA OFFSHORE WIND PROJECT**

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50790	Conwy County Borough Council website	High	Non material amendment to planning consent 0/49904 (Affordable housing development comprising of 3no. 5P3B houses, 2no. 4P2B houses and 1no. 3P2B walk up flat.) to allow for amendment to boundary adjacent no.480 Abergele Road and parking spaces 1 & 2 reconfigured.	Operational													
Major Development: 0/50821	Conwy County Borough Council website	High	Partial demolition of ancillary structures, converting and refurbishment of existing building and construction of 1 and 2 storey elements to the existing hotel and create spa facilities with the installation of solar & thermodynamic panels (Listed Building Consent).	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50852	Conwy County Borough Council website	High	Variation of condition no 2 of planning consent 0/48706 (Change of use of the existing property to provide 7 no. residential units, with associated undercroft parking and all associated works) to allow for amended internal ground floor layout.	Operational													
Major Development: 0/50854	Conwy County Borough Council website	High	Certificate of Lawful Development for the siting of 393 static caravan units with 12 month occupancy in any year plus 12 touring caravans with occupancy between 21st March and 31st October inclusive.	Pre-application													
Major Development: 0/50868	Conwy County Borough Council website	High	Demolition of existing former social club and outbuildings. Erection of 12 no apartments with new internal access road.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50903	Conwy County Borough Council website	High	Approval of details required by condition no 8 (Construction Method Statement) of planning consent 0/48885 (Demolition of existing building; erection of a 1 no. building comprising 5 no. self-contained apartments; car parking; and external private amenity space).	Operational													
Major Development: 0/50912	Conwy County Borough Council website	High	Approval of matters required by conditions 6 (Highway Improvement Works) of planning permission 0/46942 (Proposed demolition of an existing dwellinghouse and associated outbuildings and the erection of 6 no. dwellinghouses together with associated development).	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50920	Conwy County Borough Council website	High	Approval of condition nos 4 (foul & surface water scheme) 6 (lighting) 11 (construction method statement) 15 & 16 (archaeological work) & 17 (materials) of planning approval 0/47133 (Erection of 6 no industrial Units Including a new access road and car parking with cycle storage and bin store facilities).	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50921	Conwy County Borough Council website	High	Variation of condition no 3 of planning approval 0/42933 (Change of use of existing, disused community centre into single residential dwelling, re-roofing of existing south lean-to and construction of new single storey extension to south) to allow approval of bat mitigation scheme post commencement.	Operational													
Major Development: 0/50940	Conwy County Borough Council website	High	Approval of condition no 6 (Biodiversity Enhancement Scheme) of planning approval 0/47812 (Addition to existing holiday lets accommodation with provision of cabin).	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50946	Conwy County Borough Council website	High	Approval of condition 28 of planning approval 0/26569 Extension to the south of existing working area at St George Quarry, Nant Du Road, St George, Abergele.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 0/50985	Conwy County Borough Council website	High	Non material amendment to planning approval 0/46130 (Conversion of John Braddock (Former Queens Lodge) building to provide 14 no. apartments and 3 no. town houses. Demolition of former Mary Bamber Convalescent centre and construction of 46 no. apartments, 42 no. new dwellings. Demolition of all other buildings and structures, associated works and car parking, hard and soft landscaping including areas of open space) to change house types on plots 10 & 14.	Operational													
Major Development: 01/2015/1240	Denbighshire County Council website	High	Residential Development of 57 Dwellings on Land between Old and New Ruthin Road, Denbigh	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2016/1241	Denbighshire County Council website	High	Demolition of existing buildings and redevelopment of land by the erection of 70 extra care apartments, community living unit, construction of new vehicular and pedestrian accesses, alteration of existing vehicular and hard and soft landscaping	Operational													
Major Development: 01/2019/0646	Denbighshire County Council website	High	Change of use of land to accommodate an extension to the existing wastewater treatment works including the erection of tanks, equipment, boundary fencing, extension to internal site access road and associated landscaping	Operational													
Major Development: 01/2019/0744	Denbighshire County Council website	High	Erection of 22 affordable dwellings, construction of a new vehicular access and associated works	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2019/0959	Denbighshire County Council website	High	Erection of 64 no. dwellings, construction of a new vehicular access and associated works.	Operational													
Major Development: 0/51920	Conwy County Borough Council website	High	Proposed demolition of existing buildings and erection of apartment building providing 19 no. apartments together with associated development	Submitted but not yet determined													
Major Development: 22/2024/0045	Denbighshire County Council website	High	Erection of 14 dwellings and one detached garage including the formation of vehicular accesses and parking formation of visitor car park landscaping and associated works	Submitted but not yet determined													
Major Development: 20/2024/0130	Denbighshire County Council website	High	Erection of 13 dwellings and associated works	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 46/2024/0155	Denbighshire County Council website	High	Erection of apartment building comprising 51 apartments for occupancy by persons aged 55 and over, 5 dwellings for general occupancy, formation of parking, landscaping and associated works	Submitted but not yet determined													
Major Development: 28/2023/0851	Denbighshire County Council website	High	Erection of 22 dwellings including the formation internal estate roads, landscaping and associated works	Submitted but not yet determined													
Major Development: 13/2023/0908	Denbighshire County Council website	High	Erection of 33 dwellings including the formation of access and internal estate roads, landscaping and associated works	Submitted but not yet determined													
Major Development: 43/2023/0931	Denbighshire County Council website	High	Development of land by the erection of 35 dwellings including vehicular access, internal estate roads, landscaping and associated works	Submitted but not yet determined													



**MONA OFFSHORE WIND PROJECT**

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 20/2024/0158	Denbighshire County Council website	High	Erection of 21 temporary units providing 20 student accommodation cabins and 1 dining area and associated works	Submitted but not yet determined													
Screening Opinion: 47/2024/1201/EI A-SCR	Denbighshire County Council website	Low	EIA screening opinion request for the proposed change of use of land and construction of an "Integrated Constructed Treatment Wetland (ICTW)" scheme and associated works	Pre-application													
Major Development: 46/2024/1200/PF	Denbighshire County Council website	High	Demolition of existing buildings, change of use of land from agricultural land to a new nature reserve and habitat creation comprising of the restoration of existing ponds, the creation of new ponds, the creation of a wetland area adjacent to two small watercourses and creation of woodland and grassland habitat areas, construction of a	Submitted but not yet determined													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			permissive pathway and engineering works to create a raised viewing area together with associated works														

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2019/1011	Denbighshire County Council website	High	Construction of a Local Authority Waste Transfer Station to undertake the sorting and baling of separately collected recyclable waste. to include the erection of the main recycling building, one depot building and storage bays. installation of vehicle wash and weigh bridge, siting of generator, creation of new access and associated road widening, construction of internal road, service yard, storage areas, parking, drainage and substations (to serve plots 1 to 5), landscaping and associated works	Construction													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2019/1012	Denbighshire County Council website	High	Hybrid planning application for: i) Full planning permission for the erection of 6 units (for B1, B2 and B8 uses), connection to existing access, construction of internal access road, service yard, storage and parking areas, drainage and substations (to serve plots 1 to 5), landscaping and associated works. ii) Outline planning permission for the development of land for 25 units (for B1, B2 and B8 Uses).	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2019/1013	Denbighshire County Council website	High	Erection of extension to existing industrial unit (for B1, B2 and B8 uses), connection to existing access, construction of internal access road, service yard, storage and parking areas, drainage and substations (to serve plots 1 to 5) landscaping and associated works	Operational													
Major Development: 01/2019/1014	Denbighshire County Council website	High	Erection of 11 units (for B1, B2 and B8 uses), change of use of land for the siting of storage containers, connection to existing access, construction of internal access road, service yard, storage, parking areas, drainage and substations (to serve plots 1 to 5), landscaping and associated works	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2019/1015	Denbighshire County Council website	High	Hybrid application: Full planning permission for the erection of 1 unit (for B1, B2 and B8 uses), connection to existing access, construction of internal access road, service yard, storage and parking areas, drainage and substations (to serve plots 1 to 5) landscaping and associated works. Outline planning permission for the development of land for 21 units (for B1, B2 and B8 Uses)	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2020/0315	Denbighshire County Council website	High	Conversion, restoration, part demolition and adaptation of main range listed buildings to residential use (34 dwellings); demolition of Nurses Home, Mortuary, Isolation ward, Aled ward and former gasworks buildings; and development of land within the hospital grounds for mixed use as enabling development, including up to 300 residential units and in the region of 1114 square metres of business units (comprising a mix of A1, A2, A3, B1, C1, C2, C3, D1 and D2 uses); siting of the Denbigh Cricket Club; and construction of access, drainage and associated works	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 01/2021/0836	Denbighshire County Council website	High	Erection of 7 terraced dwellings, 2 apartment buildings comprising a total of 4 apartments, formation of access, parking, landscaping and associated works	Construction													
Major Development: 01/2022/0690	Denbighshire County Council website	High	Erection of 110 dwellings, construction of a new vehicular access, landscaping and associated works (resubmission).	Operational													
Major Development: 02/2019/0927	Denbighshire County Council website	High	Partial demolition of existing Care Home and Community Centre and erection of a 35 unit Extra Care scheme including associated on site facilities, landscaping, parking and associated works	Operational													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 059395	Flintshire County Council website	High	Installation of a ground-mounted solar array and associated infrastructure.	Operational													
Major Development: 059979	Flintshire County Council website	High	Provide pitches and infrastructure for 20 static caravans.	Operational													
Major Development: 060783	Flintshire County Council website	High	Residential development for 20 dwellings and associated gardens and car parking.	Operational													
Major Development: 062509	Flintshire County Council website	High	Installation of a 9 m Medium Pole.	Operational													
Major Development: 063190	Flintshire County Council website	High	Installation of an 8 m Light Pole.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 063200	Flintshire County Council website	High	Construction of a 60 m x 20 m menage with sand and fibre surface (for private use only).	Operational													
Major Development: 063248	Flintshire County Council website	High	Proposed cabling.	Operational													
Major Development: 063264	Flintshire County Council website	High	Replacement of three existing antennas at 14 metres, RRUs to be installed on proposed long poles, BOBs to be installed on proposed Bobladder.	Operational													
Major Development: 12C266R	EDF Renewables	High	Full application for the erection of a 17.5m high telecommunications mast together with the installation of an associated base station.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 13C132F	EDF Renewables	High	Full application for the creation of a 25 pitch touring caravan site.	Operational													
Major Development: 17/01308/A	Isle of Man Government website	High	Approval in principle for the construction of 24 apartments.	Operational													
Major Development: 18/00144/B	Isle of Man Government website	High	Construction of a 60 bed residential care home and day care unit for older residents.	Operational													
Major Development: 18/00161/B	Isle of Man Government website	High	Extension to existing quarry.	Operational													
Major Development: 18/00176/B	Isle of Man Government website	High	Proposed construction of 24 two bed apartments and 6 one bed apartments with associated car parking and landscaping.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 18/00379/B	Isle of Man Governme nt website	High	Erection of a building to provide four units for storage (Class 6), industrial, light industrial (Class 5) use with associated parking and access.	Operational													
Major Development: 18/00388/B	Isle of Man Governme nt website	High	Erection of an industrial building with associated parking to replace existing industrial building.	Operational													
Major Development: 18/00398/B	Isle of Man Governme nt website	High	Removal of existing buildings and erection of building containing seven apartments, with associated parking and landscaping.	Operational													
Major Development: 18/00548/B	Isle of Man Governme nt website	High	Erection of Industrial Unit with Mezzanine Floor	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 18/00613/B	Isle of Man Governme nt website	High	Demolition of two existing stone barns and erection of a multi-purpose building for entertainment and leisure activities, including access road, car park and associated landscaping	Operational													
Major Development: 18/00641/B	Isle of Man Governme nt website	High	Demolition of existing buildings and erection of a six storey mixed use building to provide retail (Class 1) and eleven residential units.	Operational													
Major Development: 18/00769/B	Isle of Man Governme nt website	High	Erection of an external storage building.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 18/00846/B	Isle of Man Governme nt website	High	Erection of a leisure-led mixed use development including a 7 screen cinema, 80 bedroom hotel, 20 residential apartments (14 two bed and 6 three bed units), 3 restaurant/cafe units (Class 3), 4 retail units (Class 1), information centre, public toilets, a drivers' welfare area, multi storey car park (198 car spaces and 16 motorbike spaces), back of house area, plant facilities, circulation space, 5 bus stances on Lord Street with associated waiting areas, site development and landscaping works within a series of five to seven storey buildings.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 18/00862/B	Isle of Man Governme nt website	High	Erection of 16 dwellings with associated infrastructure and landscaping.	Operational													
Major Development: 18/00945/B	Isle of Man Governme nt website	High	Erection of stables/tack room/storage building on land adjacent to dwelling, including adjustments to access driveway.	Operational													
Major Development: 18/00977/B	Isle of Man Governme nt website	High	Erection of two detached buildings (Class 3) for the consumption of food and drink on and off the premises with associated drive through, erection of a detached building to provide two commercial units (Class 1) and creation of car parking, lighting, landscaping and access. Creation of new sub-station.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 18/01342/B	Isle of Man Government website	High	Demolition of industrial units situated at 31-39 and erection of 38 flats	Operational													
Major Development: 19/00006/B	Isle of Man Government website	High	Replacement of existing office building with new industrial unit and associated parking.	Operational													
Major Development: 19/00040/B	Isle of Man Government website	High	Erection of agricultural building and replacement roof to adjacent existing agricultural building	Operational													
Major Development: 19/00062/B	Isle of Man Government website	High	Conversion of building from a coach depot to create three industrial units and erection of security fencing.	Operational													
Major Development: 19/00145/B	Isle of Man Government website	High	Erection of agricultural shed and demolition of existing agricultural shed.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 19/00208/B	Isle of Man Governme nt website	High	Erection of agricultural barn.	Operational													
Major Development: 19/00252/B	Isle of Man Governme nt website	High	Alterations and erection of a portal frame agricultural building.	Operational													
Major Development: 19/00271/B	Isle of Man Governme nt website	High	Alterations and erection of rear extension to provide ground floor retail unit (class1) with three residential apartments above	Operational													
Major Development: 19/00303/B	Isle of Man Governme nt website	High	Erection of an agricultural storage building.	Operational													
Major Development: 19/00436/B	Isle of Man Governme nt website	High	Erection of agricultural barn.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 19/00563/B	Isle of Man Governme nt website	High	Erection of replacement warehouse with industrial unit and change to industrial use	Operational													
Major Development: 19/00955/B	Isle of Man Governme nt website	High	Erection of agricultural shed.	Operational													
Major Development: 19/00961/B	Isle of Man Governme nt website	High	Erection of 133 dwellings with associated drainage and access	Operational													
Major Development: 19/01086/B	Isle of Man Governme nt website	High	Erection of replacement warehouse with industrial unit and change to industrial use (amendment to PA 19/00563/B).	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 19/01222/B	Isle of Man Governme nt website	High	Erection of two apartment blocks to provide 66 residential apartments with associated car parking, landscaping and drainage infrastructure	Operational													
Major Development: 19/01322/B	Isle of Man Governme nt website	High	Erection of agricultural barn.	Operational													
Major Development: 19/01333/B	Isle of Man Governme nt website	High	Erection of a detached agricultural / industrial storage building	Operational													
Major Development: 19/01408/B	Isle of Man Governme nt website	High	Erection of 16 dwellings with associated infrastructure and landscaping works (revised scheme to approved PA 18/00862/B)	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 19/01421/B	Isle of Man Governme nt website	High	Erection of 11 units for general industrial/light industrial/storage/distributi on with associated parking.	Operational													
Major Development: 19/01448/B	Isle of Man Governme nt website	High	Erection of 17 general industrial units with associated parking and drainage, and alterations to vehicular access.	Operational													
Major Development: 20/00170/B	Isle of Man Governme nt website	High	Erection of a cold store warehouse with ancillary office / welfare facilities, extension and reorganisation of site car parking, extension of cycle way to Cooil Road and associated landscaping works.	Operational													
Major Development: 20/00361/B	Isle of Man Governme nt website	High	Erection of barn and equestrian mange.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 20/00595/B	Isle of Man Government website	High	Erection of barn and lean to.	Operational													
Major Development: 20/00679/B	Isle of Man Government website	High	Erection of mixed use development with ground floor retail units and 20 residential apartments	Operational													
Major Development: 20/00758/B	Isle of Man Government website	High	Erection of stables and equestrian yard	Operational													
Major Development: 20/01185/A	Isle of Man Government website	High	Approval in Principle for area of residential development	Operational													
Major Development: 20/01198/B	Isle of Man Government website	High	Erection of marquee and ice rink for seasonal use over a period of three months	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 20/01433/B	Isle of Man Governme nt website	High	Erection of light industrial, storage or distribution unit.	Operational													
Major Development: 20/01444/B	Isle of Man Governme nt website	High	Erection of a detached kiosk for the sale of hot and cold food and drink (classes 1.1 and 1.4)	Operational													
Major Development: 20/01535/B	Isle of Man Governme nt website	High	Erection of a detached agricultural building to provide a tractor shed and machinery / implement storage building.	Operational													
Major Development: 20C310B/EIA/R E	EDF Renewables	High	Full application for the construction of a 49.99MW solar array farm together with associated equipment, infrastructure and ancillary works.	Operational													
Major Development: 21/00039/B	Isle of Man Governme nt website	High	Erection of 2 field shelters for livestock and horses.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 21/00106/B	Isle of Man Governme nt website	High	Erection of 26 two bed apartments and 6 one bed apartments with associated car parking, vehicle access and landscaping.	Operational													
Major Development: 21/00334/B	Isle of Man Governme nt website	High	Erection of an agricultural building and slurry storage tank.	Operational													
Major Development: 21/00380/B	Isle of Man Governme nt website	High	Erection of a replacement agricultural building and creation of a horse carriage driving arena.	Operational													
Major Development: 21/00550/B	Isle of Man Governme nt website	High	Erection of an equestrian arena and associated facilities.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 21/00666/B	Isle of Man Governme nt website	High	Alterations, erection of detached equestrian building to provide stables and arena and erection of detached field shelter with associated hard standings.	Operational													
Major Development: 21/00725/B	Isle of Man Governme nt website	High	Erection of an agricultural building.	Operational													
Major Development: 21/00746/B	Isle of Man Governme nt website	High	Erection of 20 industrial/storage and distribution units in two separate blocks.	Operational													
Major Development: 21/00912/B	Isle of Man Governme nt website	High	Erection of Industrial Unit for general industrial/light industrial/storage/distributi on with associated parking (amendment to approved under PA 21/00294/B).	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 21/00913/B	Isle of Man Governme nt website	High	Creation of Site Area for stationing, washing and maintenance of rental motor vehicles and secure parking of customer vehicles, erection of Industrial Unit for vehicle maintenance purposes with associated parking (amendment to approved under PA 21/00294/B).	Operational													
Major Development: 21/00914/B	Isle of Man Governme nt website	High	Erection of Industrial Unit for general industrial/light industrial/storage/distributi on with associated parking (amendment to approved under PA 21/00294/B).	Operational													
Major Development: 21/01119/B	Isle of Man Governme nt website	High	Erection of building with commercial/retail use at ground floor and 5 apartments above	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 21/01262/B	Isle of Man Governme nt website	High	Third phase of development consisting of 128 dwellings, a neighbourhood centre with children's nursery and local shop units, and public open space including a children's playground.	Operational													
Major Development: 21/01283/B	Isle of Man Governme nt website	High	Erection of 10 units for industrial, office and commercial use.	Operational													
Major Development: 21/01348/B	Isle of Man Governme nt website	High	Erection of seven industrial / storage buildings.	Operational													
Major Development: 21/01368/B	Isle of Man Governme nt website	High	Replacement of existing vehicle test centre building with construction of a new industrial building.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 21/01454/B	Isle of Man Governme nt website	High	Erection of a 2 storey structure.	Operational													
Major Development: 21/01540/B	Isle of Man Governme nt website	High	Erection of 6 residential dwellings with associated infrastructure and landscaping	Operational													
Major Development: 22/00138/B	Isle of Man Governme nt website	High	Erection of replacement office accommodation cabins.	Operational													
Major Development: 22/00201/B	Isle of Man Governme nt website	High	Erection of a replacement agricultural building.	Operational													
Major Development: 22/00223/B	Isle of Man Governme nt website	High	Erection of an agricultural building.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 22/00576/B	Isle of Man Governme nt website	High	Erection of a storage unit for the duration of 5 years.	Operational													
Major Development: 22/00635/B	Isle of Man Governme nt website	High	Demolition of existing and erection of replacement 12 bedroomed respite care facility, with the installation of temporary access road	Operational													
Major Development: 22/00716/B	Isle of Man Governme nt website	High	Erection of an agricultural building.	Operational													
Major Development: 22/01207/B	Isle of Man Governme nt website	High	Erection of a steel framed equestrian stable	Operational													
Major Development: 23/00064/B	Isle of Man Governme nt website	High	Demolish existing small barn and replace with a larger barn for private equestrian purposes.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 23/00565/B	Isle of Man Governme nt website	High	Change of use from workshop and storage with associated facilities to storage and distribution with associated facilities, installation of sectional doorset to south east elevation.	Operational													

Page 415 of 521

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 27C54K	EDF Renewables	High	Full application to extend the existing static caravan park to create 34 touring caravan or motor home pitches together with the construction of an access track, the erection of toilet/shower block, siting of private shower blocks and the installation of a sewage treatment plant.	Operational													
Major Development: 30/2018/0969	Denbighshire County Council website	High	Erection of 13 no. affordable dwellings including access, parking and associated works	Operational													
Major Development: 30/2018/1212	Denbighshire County Council website	High	Erection of a milking parlour, dairy cow cubicle building, slurry lagoon, and silage storage and feed area	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 30C225K/ECON	EDF Renewables	High	Outline application for the siting of 25 holiday chalets together with leisure complex and associated access roads with some matters reserved.	Operational													
Major Development: 31/2023/0525	Denbighshire County Council website	High	Extension to the existing Bodelwyddan electricity substation (EIA Screening Opinion request).	Pre-application													
Major Development: 31C170E	EDF Renewables	High	Full application for the erection of 16 dwellings (10 dwellings with 2 bedrooms, 4 dwellings with 3 bedrooms and 2 dwellings with 4 bedrooms) together with the construction of a new vehicular and pedestrian access.	Operational													
Major Development: 33C190U	EDF Renewables	High	Full application for Aggregates Recovery Centre.	Operational													



# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 33EL1549/E	EDF Renewables	High	Full application under Section 37 of the Electricity Act for the proposed rebuilding of the existing 33KV overhead electric line.	Operational													
Major Development: 34C263J/SCR	EDF Renewables	High	Screening opinion for the siting of 128 holiday lodges, 66 glamping units, use of the land for the siting of approx. 119 touring caravans/campervans (hardstandings), provision of amenity blocks/reception building, landscaping, formation of access roads, parking areas and other associated development.	Operational													
Major Development: 40/2017/1232	Denbighshire County Council website	High	Erection of 7 industrial units with associated parking, landscaping, access road and external storage areas	Pre-construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 40/2021/0309	Denbighshire County Council website	High	Erection of a 198 bed Registered Care Home (Use Class C2), landscaping, parking facilities and associated works (Resubmission)	Pre-construction													
Major Development: 40/2021/0825	Denbighshire County Council website	High	Erection of 106 dwellings, construction of a new vehicular access and associated works	Operational													
Major Development: 40/2023/0331	Denbighshire County Council website	High	Erection of cancer support centre, formation of additional parking, landscaping and associated works.	Operational													
Major Development: 40/2023/0473	Denbighshire County Council website	High	Erection of new hospital unit (Use Class C2) including associated landscaping, car parking and site vehicular access and the erection of a multi-storey car park and associated works.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 42/2018/0923	Denbighshire County Council website	High	Erection of 61 dwellings, single and double garages, alterations to existing vehicular access and associated works	Operational													
Major Development: 42/2018/1150	Denbighshire County Council website	High	Change of use of land to accommodate an extension to the existing wastewater treatment works including the erection of tanks, equipment, boundary fencing, extension to internal site access road and associated landscaping	Operational													
Major Development: 42/2020/0619	Denbighshire County Council website	High	Erection of 34 dwellings and associated works (Phase 2)	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 43/2015/1241	Denbighshire County Council website	High	Development of 0.51ha of land for the erection of 3 retail units and 20 residential units (outline application with all matters reserved)	Operational													
Major Development: 43/2017/0848	Denbighshire County Council website	High	Erection of a two-storey extension to the hotel	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 43/2017/1100	Denbighshire County Council website	High	Details of access, appearance, landscaping, layout and scale of 20 residential units submitted in accordance with Condition 1 on outline planning permission ref 43/2015/1241/PO (Phase 1 reserved matters application). Details of the range of house sizes and types submitted in accordance with condition 10 and Details of finished floor levels of 20 dwellings submitted partly in accordance with condition 11	Operational													
Major Development: 43/2017/1121	Denbighshire County Council website	High	Use of land for the siting of an additional 65 touring caravan pitches and 39 timber camping pods, storage building and associated works	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 43/2018/0900	Denbighshire County Council website	High	Demolition of existing dwelling and erection of 15 unit residential apartment block; construction of a new vehicular access and associated works	Operational													
Major Development: 43/2019/0730	Denbighshire County Council website	High	Erection of 41 affordable dwellings and associated works	Operational													
Major Development: 43/2020/0023	Denbighshire County Council website	High	Erection of a retail store with garden centre, servicing and car parking areas and associated works	Operational													
Major Development: 43/2020/0521	Denbighshire County Council website	High	Erection of 102 affordable dwellings, associated roads, open space, landscaping and infrastructure (re-submission of planning application 44/2019/0629)	Construction													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 43/2020/0773	Denbighshire County Council website	High	Erection of 35 dwellings and associated works	Operational													
Major Development: 43/2020/0843	Denbighshire County Council website	High	Demolition of former library building, erection of a new 3.5 storey building to contain 2 commercial units at ground floor and 14 one- bedroom residential apartments on the upper floors and associated works	Construction													
Major Development: 44/2018/0855	Denbighshire County Council website	High	Details of access, appearance, landscaping, layout and scale of 99 dwellings submitted in accordance with condition number 1 of outline permission code 44/2015/1075 (reserved matters application)	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)											
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Major Development: 44/2020/0346	Denbighshire County Council website	High	Change of use of agricultural land to form extension to existing touring caravan site. Siting of 3 glamping pods and camping facilities. Construction of toilet, shower and laundry blocks and associated works	Operational												
Major Development: 44/2021/1023	Denbighshire County Council website	High	Change of use of former foundry site from general industrial (Use class B2) to open storage and distribution (Use class B8)	Operational												



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 45/2017/0384	Denbighshire County Council website	High	Demolition of existing skate park and ancillary retail huts. Construction of new Waterpark and Leisure Attraction comprising: Indoor leisure pool with flumes, slides, play structure, and water confidence area, changing areas, kids’ play, party rooms & climbing activities, café / licensed bar, outdoor paddling pool with play equipment, indoor/outdoor seating areas, ancillary accommodation and plant room	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 45/2017/1164	Denbighshire County Council website	High	Demolition of existing school buildings and erection of replacement school accommodating 920 pupils incorporating playgroup, nursery, primary and secondary places with associated play space, grass pitch, all weather pitch, hard play areas, access and car parking arrangements	Operational													
Major Development: 45/2018/0123	Denbighshire County Council website	High	Erection of a retail unit with associated parking, access, servicing and landscaping	Operational													
Major Development: 45/2018/0263	Denbighshire County Council website	High	Demolition of existing building and redevelopment of land by the erection of 18 apartments and associated works	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)											
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Major Development: 45/2018/0822	Denbighshire County Council website	High	Construction of 41 housing association apartments for local residents over 55 years of age together with new and altered vehicular and pedestrian accesses, associated parking provision, and related works	Operational												
Major Development: 45/2018/1197	Denbighshire County Council website	High	Construction of coastal protection scheme, incorporating: interlocking rock revetment and recurved upstand sea wall to replace existing, raising of walkway, new and amended accesses and associated works	Operational												
Major Development: 45/2018/1215	Denbighshire County Council website	High	Erection of 109 dwellings and associated works (Phase 5)	Construction												

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 45/2020/0096	Denbighshire County Council website	High	Change of use and alterations to former offices to form a 61 bed, 6 ward hospital for residential nursing and health care	Construction													
Major Development: 45/2020/0498	Denbighshire County Council website	High	Development of land in connection with existing hospital including the erection of a four storey community hospital building, a single storey energy centre building, a sprinkler compound including pump house and a bicycle store building. Erection of four fire escape enclosures to existing hospital. Reparation works to existing hospital building. Formation of parking, landscaping, outdoor furniture and associated works	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 45/2020/0725	Denbighshire County Council website	High	Conversion of existing offices to form 12 self-contained apartments, including demolition of extension to rear, erection of car port and sprinkler tank compound, landscaping and associated works	Construction													
Major Development: 45/2020/0858	Denbighshire County Council website	High	Conversion and alterations to hotel to form 10 self-contained apartments	Operational													
Major Development: 45/2020/0865	Denbighshire County Council website	High	Demolition of existing dwellings, erection of 13 dwellings and associated works	Operational													
Major Development: 45/2021/0040	Denbighshire County Council website	High	Hybrid Planning application (Full details and outline) for the redevelopment of 0.93 ha of land known as Queens Market	Construction													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 45/2021/0187	Denbighshire County Council website	High	Change of use of land and erection of a Further Education Engineering Centre building, formation of a new vehicular access, construction of an internal site access road and car park, together with landscaping and associated works	Operational													
Major Development: 45/2021/1248	Denbighshire County Council website	High	Development of 5 ha of land to form Coastal Defence scheme comprising of the formation of flood embankments, ramps, outfall structures and rock armour including landscaping, habitat enhancements, works to existing culverts and associated works ('Central Prestatyn Coastal Defence Scheme')	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 45/2022/0271	Denbighshire County Council website	High	Construction of coastal protection scheme, incorporating; new sea wall, repair works and engineering operations including scour protection to existing sea wall. Installing new concrete step revetments. Raising and widening of promenade including new and amended accesses, landscaping and associated works. Ecological mitigation and access works at Barkby Beach	Operational													
Major Development: 45/2022/0731	Denbighshire County Council website	High	Partial demolition and erection of two storey extension to existing restaurant within main reception building. Alterations to existing parking and associated works.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 45/2023/0521	Denbighshire County Council website	High	Erection of a 3-storey building to contain 6 no. apartments and associated external works. Remedial works to gable wall of The George Hotel (PH).	Operational													
Major Development: 46/2019/0806	Denbighshire County Council website	High	Development of 0.75 ha of land for residential purposes (outline application including access)	Construction													
Major Development: 46/2021/0159	Denbighshire County Council website	High	Erection of a commercial vehicles sales unit (sui generis) - Formation of associated parking area, landscaping and associated works. Outline Planning application for the erection of 5 no. business buildings (Use Class B1 and B2) with all other matters reserved for further approval	Pre-construction													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 46/2021/1161	Denbighshire County Council website	High	Erection of 113 dwellings, construction of a new vehicular access, landscaping and associated works	Construction													
Major Development: 46/2023/0480	Denbighshire County Council website	High	Erection of 28 dwellings internal estate road, landscaping and associated works.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: 47/2020/0593	Denbighshire County Council website	High	Development of land to form holiday park including the conversion of existing clubhouse to form reception building, erection of new clubhouse building, bunkhouse building, 7 holiday pod accommodation units, 23 two bedroom holiday lodges, 7 three bedroom lodges and 7 four bedroom lodges. Works to existing access, formation of internal pathways, 2 wildlife ponds, parking, landscaping and associated works.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: APP/17/01191	Wirral Council website	High	Conversion of Edwardian Town Hall to a small one or two screen cinema/arts space with associated cafe/bistro, fine dining restaurant, atrium cafe/bar with small retail units around a central courtyard, with further retail units for artists and makers. Also included are 40 apartments on 4 levels above the ground floor artisan spaces.	Operational													
Major Development: APP/18/00841	Wirral Council website	High	Erection of 11 No. two-storey dwellings.	Operational													
Major Development: APP/18/01474	Wirral Council website	High	Demolition of existing nursing home and construction of a new purpose-built 44 en-suite bedroom residential nursing and care home for	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			the elderly and dementia patients.														
Major Development: APP/18/01475	Wirral Council website	High	Retrospective application for erection of substation with 30 degree pitched roof for training purposes. Additional concrete poured to allow for erection of future substation/hut.	Operational													
Major Development: APP/19/00014	Wirral Council website	High	The application relates to a hybrid planning application proposing outline planning permission for the erection of a new sixth form block and full planning permission for the erection of 25 residential dwellings on a section of existing playing	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			fields at Kingsmead School.														
Major Development: APP/19/00833	Wirral Council website	High	Addition of Orangery extension (61 sqm of new floor space) to new care home approved under planning permission APP/18/01474.	Operational													
Major Development: APP/19/01376	Wirral Council website	High	Construction of two industrial Units (Class B1/B2/B8) with associated off-street parking as a replacement of a (demolished) industrial unit.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: APP/20/00474	Wirral Council website	High	The installation of 11 (eleven) 8.6 metre high telecommunication masts, each comprising 4 antenna, plus one electricity cabinet and associated equipment, to support and enhance internet connectivity for the future Merseyrail fleet.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: APP/20/00646	Wirral Council website	High	Extension of a rock armour revetment at the toe of Wallasey Embankment for a length of 1.1 km in order to address erosion at the base of the embankment which could impact on its integrity and adversely impact on flood risk. Proposed works involve extending the existing toe protection works for 1 km eastwards from North Wirral Coastal Park (400 m west of Leasowe Lighthouse) to just west of Pasture Road. The proposed rock armour works will have a footprint of 5 m. A temporary site compound and rock stockpile will be situated in Leasowe Lighthouse car park.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: APP/20/00955	Wirral Council website	High	New Industrial Units.	Operational													
Major Development: APP/21/00963	Wirral Council website	High	Full planning application for demolition of existing building and the erection of a residential development with associated means of access, site infrastructure, car parking and landscaping at 46 Hoyle Road, Hoylake CH47 3AQ.	Operational													
Major Development: APP/21/02088	Wirral Council website	High	8 New Industrial Units - Revised scheme.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: APP/21/02227	Wirral Council website	High	Demolition of the existing building and replacement with a 4 storey mixed use development providing replacement commercial units to the ground floor, with residential apartments to upper floors and all associated works.	Operational													
Major Development: APP/22/00379	Wirral Council website	High	Redevelopment of Site for 38 Retirement Living Apartments, including communal facilities lodge managers office and reception, owners lounge, guest suite, car parking and landscaping.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: APP/22/00884	Wirral Council website	High	Demolition of three-storey bay and balcony to front elevation. Construction of a new 3-storey square bay with fenestration and steel frame balcony.	Operational													
Major Development: C17/1101/13/LL	Gwynedd Council website	High	A full planning application for the erection of 5 social rented bungalows and 12 social rented houses and the adaption of the current access and internal access road.	Operational													
Major Development: C17/1202/10/LL	Gwynedd Council website	High	Demolish existing structures (offices) and erect a visitor centre associated with the distillery approved under application ref. C16/1613/10/LL.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C17/1266/16/LL	Gwynedd Council website	High	Install one 17.5 metre high telecommunications mast including 3 antenna and 2 transmission dishes along with 2 equipment cabinets and 1 meter cabinet and ancillary work.	Operational													
Major Development: C17/1269/25/LL	Gwynedd Council website	High	Demolition of the existing buildings and erection of 8 affordable dwellings together with the creation of an access and parking spaces.	Operational													
Major Development: C18/0365/11/AM	Gwynedd Council website	High	Outline application with all matters reserved for the provision of 9 dwellings with integrated garages.	Operational													
Major Development: C18/0796/11/R3	Gwynedd Council website	High	Demolish existing primary school and erect a new primary school in its place including new access roads, playing fields and ancillary works.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C18/0838/11/LL	Gwynedd Council website	High	Demolish existing building and erect 9 affordable units for a local housing association, parking accommodation and landscaping.	Operational													
Major Development: C18/1159/13/LL	Gwynedd Council website	High	Erection of 4 dwellings, access road and a new entrance.	Operational													
Major Development: C19/0078/11/LL	Gwynedd Council website	High	Provision of 38 residential units (including a mixture of open market units and affordable units), parking accommodation and access.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C19/0398/11/LL	Gwynedd Council website	High	Application to demolish building (Use class B8) and erect supermarket (Use class A1), creation of 113 parking spaces, soft landscaping works, reconfiguration of site access, including the creation of a roundabout and alterations to existing parking arrangements fronting Dunelm Store together with alterations to service access.	Operational													
Major Development: C19/0909/16/LL	Gwynedd Council website	High	Erection of a terrace of trade centre units including parking and servicing.	Operational													
Major Development: C19/0950/21/LL	Gwynedd Council website	High	Erection of 30 affordable dwellings, new access, parking together with associated infrastructure.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C20/0015/16/LL	Gwynedd Council website	High	Demolition of the existing industrial building and the erection of 5 no. light industrial units together with re-locating the access and provision of parking.	Operational													
Major Development: C20/0018/13/LL	Gwynedd Council website	High	Erection of 7 no. dwellings for the elderly together with parking accommodation and turning facility.	Operational													
Major Development: C20/0848/11/LL	Gwynedd Council website	High	Erection of a building to provide 12 no. supported living residential flats, ground floor office space and associated development including car park to the rear.	Operational													
Major Development: C21/0617/16/LL	Gwynedd Council website	High	Erect 12 affordable dwellings, new access and associated works.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C21/0803/11/LL	Gwynedd Council website	High	Erection of 25 affordable units, access, car parking, landscaping and associated works.	Operational													
Major Development: C21/1083/16/LL	Gwynedd Council website	High	Erect 2 industrial units together with siting of 10 storage containers.	Operational													
Major Development: C21/1174/11/LL	Gwynedd Council website	High	Construction of flood defence in the Hirael area of Bangor to include:- 1. Improvements to the cycle path. 2. Construction of a new concrete wall to displace the existing gabions following the footprint of the existing sea wall. 3. Re-construct slipway. 4. Construction of earth bund. 5. Install 2 flood gates. 6. Raise height of part of Glandwr Road together with erecting a new concrete wall.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C21/1206/25/LL	Gwynedd Council website	High	Residential development comprising of 6 two storey and one single storey affordable dwellings, associated works and creation of additional car parking (amended plans).	Operational													
Major Development: C22/0134/16/LL	Gwynedd Council website	High	Development of Bio-compressed natural gas vehicle fuelling station comprising fuel pumps, plant compound, landscaping, creation of new accesses and associated development.	Operational													
Major Development: C22/0256/13/LL	Gwynedd Council website	High	Erection of 18 dwellings, new road and landscaping.	Operational													
Major Development: C22/0525/11/LL	Gwynedd Council website	High	Erection of 10 no. intermediate affordable dwellings and associated works.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C22/0811/13/LL	Gwynedd Council website	High	Construction of an all weather 3G training pitch with associated fencing and lighting.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C22/1019/11/LL	Gwynedd Council website	High	Proposed upgrade to existing telecommunications installation and ancillary equipment: - Removal of 1No. Antenna at 27.5 m to be replaced with 1No. Antenna at 27.5 m of an updated design with associated ancillary equipment. - Removal of 3No. MHAs - Installation of 3No. MHAs & 3No. Active Routers on existing steelwork - Installation of GPS Node at 2.7 m on top of gantry pole - Installation of Bowler Cabinet on extended concrete base - Installation of H3G 6115 rack c/w with internal ancillary kit - Removal of grit Salt Bin - Installation of ancillary and attaching equipment.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: C22/1020/11/LL	Gwynedd Council website	High	Construction of a new single storey 150 place primary school, 20 place nursery and 30 place Cylch Meithrin and associated external works, inclusive of boundary treatments, new car parking arrangements and improved access provisions for the relocation of Our Lady's School on the old Ysgol Glanadda site.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: D56/2020/1	EDF Renewables	High	Prior Notification for the installation of a 15.97 m pole design mast on a concrete base accommodating 3no antennas and 2no 300 mm transmission dishes for the EE Emergency Services Network (ESN), the installation of 3 x equipment cabinets (1no electrical meter cabinet; 1no generator within a 10mx8m compound surrounded by a 1.8m Exmesh fence. 1no 1200 mm satellite dish on a 2.6 m high support pole will be installed remotely within a 2.0 m x 2.0 m compound formed from 1.8 m high boarded fencing.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: D56/2021/3	EDF Renewables	High	Application for the installation of a 18 metre high monopole, the installation of equipment cabinets at ground level and ancillary.	Operational													
Major Development: D56/2021/5	EDF Renewables	High	Application for the installation of a 15 metre high monopole, the installation of equipment cabinets at ground level and ancillary development.	Operational													
Major Development: DC/2018/00020	Sefton Council website	High	Erection of 24 dwellings with associated landscaping and infrastructure.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: DC/2018/00093	Sefton Council website	High	Outline application for the demolition of existing structures and construction of up to 286 dwellings including flood alleviation measures, extension of nature reserve, public open space, ground re-profiling and associated works. All matters are reserved.	Operational													
Major Development: DC/2018/01105	Sefton Council website	High	Erection of 9 detached houses with associated works.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: DC/2018/01159	Sefton Council website	High	A full planning application for the expansion and improvement of the Formby Hall Golf Resort and Spa, incorporating: the extension and alteration of the existing Hotel Building; the change of use of the first floor of the Health Club and Spa Building.	Operational													
Major Development: DC/2018/01922	Sefton Council website	High	Erection of a 76 bedroom care home with associated works including car parking, access road and landscaping.	Operational													
Major Development: DC/2019/02012	Sefton Council website	High	Erection of a block of 12 self contained apartments following the demolition of the former ambulance station.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: DC/2020/00417	Sefton Council website	High	Erection of 1 No three-storey block of 10 No apartments following demolition of the existing dwelling.	Operational													
Major Development: DC/2021/02494	Sefton Council website	High	Conversion of existing residential care home into 13 No. self-contained flats, including demolition of existing conservatory.	Operational													
Major Development: DC/2022/01077	Sefton Council website	High	Erection of 11 No. dwellings (comprising 7no. houses and 4no. apartments) following the demolition of the existing public house.	Operational													



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: DC/2022/02326	Sefton Council website	High	Hybrid planning application seeking outline consent for the erection for up to twenty-five custom-build dwellings with access to be determined and all other matters reserved; full planning permission is sought for the sitewide layout.	Operational													
Major Development: FPL/2019/204	EDF Renewables	High	Full application for the erection of 27 affordable dwellings together with the creation of a new access and associated works.	Operational													
Major Development: FPL/2019/207	EDF Renewables	High	Full application for the erection of 15 dwellings including 8 affordable dwellings together with the creation of a new access and associated developments.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: FPL/2019/217	EDF Renewables	High	Full planning application for the erection of 17 affordable dwellings, construction of two new vehicular and 3 new agricultural accesses, installation of a pumping station together with soft and hard landscaping.	Operational													
Major Development: FPL/2020/215	EDF Renewables	High	Full application for the erection of 23 dwellings (including 4 apartments) together with the creation of two new access and associated development.	Operational													
Major Development: FPL/2021/332	EDF Renewables	High	Full application for coastal flood defence improvement works.	Operational													
Major Development: FPL/2022/131	EDF Renewables	High	Full application for the installation of 10 no. freestanding floodlight columns.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: FPL/2022/195	EDF Renewables	High	Full application for the erection of a 14.75 m high, 5 kW wind turbine.	Operational													
Major Development: FPL/2022/284	EDF Renewables	High	Full application for the erection of 17 solar panels.	Operational													
Major Development: FPL/2022/291	EDF Renewables	High	Full application for the placement of 24 Ground Mounted Solar Panels.	Operational													
Major Development: FPL/2022/34	EDF Renewables	High	Full application for a new 11 kV substation.	Operational													
Major Development: FPL/2022/71	EDF Renewables	High	Full application for the erection of 29 dwellings, together with the creation of a new vehicular access, an internal access road and associated works.	Operational													

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Major Development: FPL/2023/66	EDF Renewables	High	Full application for the siting of 120 35.4 KW Solar panels.	Operational													
Major Development: LCC/2022/0030	Lancashire County Council website	High	This application seeks a continuation of sand winning operations, including the winning and working of sand from the foreshore, exportation of sand off site and provision of associated infrastructure including site access, secure compound and stockpiling.	Operational													
Major Development: OP/2019/17	EDF Renewables	High	Outline application for the erection of 30 dwellings together with full details of layout and access.	Operational													

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/ description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the anticipated Mona Offshore Wind Project construction window)												
					2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Porth Wen Solar Array Farm: 20C310B/EIA/RE	EDF Renewables	High	Full application for the construction of a 49.99 MW solar array farm together with associated equipment, infrastructure and ancillary works.	Operational													
TBC	Denbighshire County Council website	High	Application under Section 37 of the Electricity Act 1989 for the installation of new overhead lines required to facilitate extension to the existing Bodelwyddan electricity substation (31/2023/0525).	Pre-application													
TBC	Denbighshire County Council website	High	Permitted development comprising extension to GIS hall required to facilitate extension to the existing Bodelwyddan electricity substation (31/2023/0525).	Pre-application													

## MONA OFFSHORE WIND PROJECT

### 1.27 Onshore cumulative effects matrix – Major Developments – spatial

a	Included as part of the topic baseline and hence not considered within the cumulative effect assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative effect assessment: <b>Screened in to assessment.</b>
c	Potential cumulative effect exists: <b>Screened in to assessment.</b>
d	No conceptual or physical effect-receptor pathway: <b>Screened out of assessment.</b>
e	Low data availability: <b>Screened out of assessment.</b>
f	No temporal overlap: <b>Screened out of assessment.</b>
g	Project has been withdrawn from development or operation

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/37538	35.46	8.04	18.57	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/40735	40.16	2.16	7.01	d	d	d	d	d	a	d	d	d	b	b	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/42343	37.93	4.73	14.59	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/42351	37.85	4.68	14.59	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/42900	38.31	0.11	9.19	c	d	c	c	c	a	d	c	c	b	b	d
Major Development: 0/43047	37.09	1.88	12.59	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/43058	39.60	1.60	7.43	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/43072	32.20	13.94	24.74	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/43465	35.32	6.74	17.40	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/43522	36.62	13.73	23.79	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/43706	32.89	9.15	20.05	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/43785	31.62	14.25	25.10	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/43877	37.47	0.97	11.65	c	d	c	c	c	a	d	d	c	b	d	d
Major Development: 0/43983	34.54	9.92	20.53	d	d	d	d	d	a	d	d	d	b	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/44019	36.24	4.74	15.35	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/44046	46.31	17.26	24.85	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/44087	35.23	7.20	17.84	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/44106	36.23	12.57	22.73	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/44133	37.06	3.28	13.76	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/44389	39.32	2.90	6.59	d	d	d	d	d	a	d	d	d	b	b	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/44390	39.32	2.90	6.59	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/44478	32.14	13.63	24.45	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/44548	35.19	12.11	22.52	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/44621	37.22	0.99	11.83	c	d	c	c	c	a	d	d	c	b	d	d
Major Development: 0/44663	37.17	14.70	24.62	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/44795	36.01	14.58	24.76	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/44796	36.01	14.58	24.76	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/44859	38.08	4.36	14.19	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/44905	42.03	9.70	18.01	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/45158	37.93	4.73	14.59	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/45161	37.85	4.68	14.59	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/45260	36.13	12.24	22.43	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/45297	40.11	1.85	7.71	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/45373	44.59	2.31	8.23	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/45413	39.91	2.83	12.01	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/45445	35.79	6.19	16.78	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/45480	39.32	2.90	6.59	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/45515	46.72	17.39	24.90	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/45708	31.93	14.39	25.21	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/45845	36.38	5.95	16.38	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/45853	37.56	14.27	24.09	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/45869	32.24	13.78	24.59	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/46130	35.68	7.10	17.64	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/46338	35.96	5.66	16.25	d	d	d	d	d	a	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/46441	36.01	14.58	24.76	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/46556	37.76	19.38	29.18	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/46795	40.08	2.60	6.14	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/46906	39.13	1.29	11.06	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/46977	38.78	11.72	21.11	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/47217	38.11	0.89	8.14	c	d	c	c	c	a	d	d	c	c	c	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/47438	32.54	13.92	24.69	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/47520	40.11	1.85	7.71	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/47588	38.67	4.20	7.21	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/47596	40.01	4.31	5.84	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/47627	39.97	2.53	6.24	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 0/47737	35.87	14.71	24.92	d	d	d	d	d	d	d	d	d	b	d	d

# MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/47926	35.92	11.06	21.33	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/47958	35.90	5.57	16.18	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/47990	32.77	10.45	21.31	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/48144	32.37	13.79	24.58	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/48148	32.14	13.63	24.45	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/48393	38.11	0.90	8.21	c	d	c	c	c	a	d	d	c	c	c	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/48566	35.54	6.59	17.21	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/48610	32.37	12.11	22.95	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/48964	36.26	5.47	15.98	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/49141	38.99	0.96	8.08	c	d	c	c	c	a	d	d	c	c	c	d
Major Development: 0/49272	35.52	6.03	16.70	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/49274	32.81	9.31	20.21	d	d	d	d	d	a	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/49306	33.84	7.80	18.65	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/49452	38.75	11.63	21.03	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/49522	37.56	14.27	24.09	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/49640	45.91	12.61	19.92	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/49674	35.56	7.49	18.03	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/49721	36.72	11.62	21.66	d	d	d	d	d	a	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/50158	37.18	1.54	12.27	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/50349	37.97	3.88	7.89	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 0/50433	37.67	19.27	29.09	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50750	37.84	19.50	29.29	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50786	35.78	9.40	19.76	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/50790	36.40	3.76	14.44	d	d	d	d	d	a	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/50821	32.12	12.88	23.72	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50852	31.99	14.22	25.04	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50854	38.01	1.03	7.94	c	d	c	c	c	c	c	d	c	b	b	d
Major Development: 0/50868	32.99	14.22	24.92	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50903	33.15	8.18	19.09	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 0/50912	35.68	7.10	17.64	d	d	d	d	d	a	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 0/50920	35.91	11.08	21.35	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50921	37.39	14.07	23.93	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50940	34.99	10.49	20.99	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 0/50946	41.30	1.89	5.33	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 0/50985	35.68	7.10	17.64	d	d	d	d	d	a	d	d	d	b	d	d
Major Development: 01/2015/1240	53.42	6.86	7.27	d	d	d	d	d	a	d	d	d	d	b	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 01/2016/1241	55.07	8.58	9.03	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 01/2019/0646	50.10	4.31	4.89	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 01/2019/0744	55.07	8.58	9.03	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 01/2019/0959	55.07	8.58	9.03	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 01/2019/1011	53.09	6.56	7.00	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 01/2019/1012	53.34	6.82	7.14	d	d	d	d	d	a	d	d	d	d	b	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 01/2019/1013	53.04	6.48	6.89	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 01/2019/1014	53.42	6.86	7.27	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 01/2019/1015	54.38	7.93	8.41	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 01/2020/0315	38.12	6.73	8.54	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 01/2021/0836	46.87	2.08	2.69	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 01/2022/0690	53.42	6.86	7.27	d	d	d	d	d	a	d	d	d	b	b	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 02/2019/0927	49.89	3.70	4.27	d	d	d	d	d	a	d	d	d	d	b	d
Major Development: 059395	42.71	12.46	13.51	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 059979	44.11	13.90	14.93	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 060783	49.61	11.57	12.36	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 062509	42.71	12.46	13.51	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 063190	42.79	13.17	14.22	d	d	d	d	d	d	d	d	d	b	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 063200	49.07	14.84	15.72	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 063248	48.43	24.95	25.95	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 063264	49.68	28.83	29.83	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 12C266R	41.99	32.03	41.55	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 13C132F	49.82	58.29	68.11	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 17/01308/A	48.84	112.18	121.46	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 18/00144/B	47.98	111.20	120.53	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00161/B	57.80	120.29	129.89	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00176/B	51.07	114.19	123.57	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00379/B	51.72	114.02	123.66	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00388/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00398/B	47.98	111.20	120.53	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 18/00548/B	53.87	116.80	126.25	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00613/B	54.41	117.73	127.03	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00641/B	49.96	112.84	122.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00769/B	48.89	111.02	120.69	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00846/B	46.54	109.72	119.06	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00862/B	46.54	109.72	119.06	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 18/00945/B	51.14	112.45	122.29	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/00977/B	47.98	111.20	120.53	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 18/01342/B	48.40	111.55	120.91	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00006/B	57.80	120.29	129.89	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00040/B	TBC	111.22	121.07	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00062/B	53.85	115.32	125.14	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 19/00145/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00208/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00252/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00271/B	49.96	112.84	122.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00303/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00436/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 19/00563/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00955/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/00961/B	50.41	110.87	120.85	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/01086/B	57.80	120.29	129.89	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/01222/B	47.98	111.20	120.53	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/01322/B	53.85	115.32	125.14	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 19/01333/B	48.59	111.20	120.75	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/01408/B	47.59	110.71	120.09	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/01421/B	53.85	115.32	125.14	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 19/01448/B	52.45	115.48	124.90	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/00170/B	53.77	116.70	126.15	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/00361/B	52.45	115.48	124.90	d	d	d	d	d	d	d	d	d	b	d	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 20/00595/B	48.86	112.22	121.49	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/00679/B	47.98	111.20	120.53	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/00758/B	49.93	110.36	120.33	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/01185/A	47.59	110.71	120.09	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/01198/B	50.74	114.15	123.40	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/01433/B	49.71	112.67	122.11	d	d	d	d	d	d	d	d	d	b	d	d



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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 20/01444/B	49.93	110.36	120.33	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20/01535/B	48.50	110.97	120.55	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 20C310B/EIA/RE	34.49	53.82	64.55	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00039/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00106/B	51.72	114.02	123.66	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00334/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 21/00380/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00550/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00666/B	52.45	115.48	124.90	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00725/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00746/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00912/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 21/00913/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/00914/B	48.50	110.97	120.55	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/01119/B	50.30	114.03	123.01	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/01262/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/01283/B	48.89	111.02	120.69	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/01348/B	48.50	110.97	120.55	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 21/01368/B	52.45	115.48	124.90	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/01454/B	47.98	111.20	120.53	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 21/01540/B	50.74	114.15	123.40	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 22/00138/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 22/00201/B	48.50	110.97	120.55	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 22/00223/B	47.59	110.71	120.09	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 22/00576/B	52.45	115.48	124.90	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 22/00635/B	54.41	117.73	127.03	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 22/00716/B	52.92	114.46	124.26	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 22/01207/B	51.46	112.71	122.56	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 23/00064/B	TBC	110.85	120.83	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 23/00565/B	53.85	115.32	125.14	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 27C106E/FR/ECON	44.51	60.77	71.15	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 27C54K	46.85	60.64	70.84	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 30/2018/0969	44.87	0.52	0.94	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 30/2018/1212	44.50	0.86	1.49	d	d	d	a	d	a	d	d	d	d	b	d
Major Development: 30C225K/ECON	37.74	41.20	51.45	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 31/2023/0525	45.68	0.08	0.41	c	c	c	c	c	c	c	c	c	c	c	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 31C170E	46.46	38.87	48.03	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 33C190U	47.63	44.16	53.42	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 33EL1549/E	49.17	44.79	53.88	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 34C263J/SCR	45.15	44.01	53.59	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: 40/2017/1232	42.28	6.48	7.50	c	c	c	c	c	a	c	c	c	c	c	d
Major Development: 40/2021/0309	42.51	6.34	7.36	c	d	c	c	c	a	d	d	c	c	c	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 40/2021/0825	41.94	4.03	4.80	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 40/2023/0331	55.07	8.58	9.04	d	d	d	a	d	a	d	d	d	e	e	d
Major Development: 40/2023/0473	42.81	2.19	3.04	d	d	d	a	d	a	d	d	d	e	e	d
Major Development: 42/2018/0923	40.58	8.27	9.24	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 42/2018/1150	41.76	7.74	8.76	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 42/2020/0619	42.18	6.51	7.52	d	d	d	d	d	a	d	d	d	b	b	d



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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 43/2015/1241	39.30	9.29	10.21	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2017/0848	40.29	9.94	10.93	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2017/1100	40.87	9.46	10.47	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2017/1121	39.80	9.88	10.84	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2018/0900	41.79	4.79	5.66	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2019/0730	40.79	10.95	11.97	d	d	d	d	d	a	d	d	d	b	b	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 43/2020/0023	40.52	10.05	11.06	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2020/0521	40.56	8.98	9.96	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2020/0773	53.56	7.02	7.36	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 43/2020/0843	42.52	3.88	4.76	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 44/2018/0855	38.21	6.25	8.23	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 44/2020/0346	38.18	6.52	8.38	d	d	d	a	d	a	d	d	d	b	b	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 44/2021/1023	38.61	8.39	9.18	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 45/2017/0384	38.30	8.44	9.34	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2017/1164	38.30	8.44	9.34	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2018/0123	39.39	6.48	7.17	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2018/0263	38.30	7.18	8.59	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2018/0822	38.37	7.12	8.49	d	d	d	d	d	a	d	d	d	b	b	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 45/2018/1197	38.41	5.55	7.78	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2018/1215	38.08	6.20	8.34	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2020/0096	45.38	0.00	0.86	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2020/0498	39.33	6.91	7.64	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2020/0725	40.16	6.82	7.66	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2020/0858	42.98	2.20	2.89	d	d	d	d	d	a	d	d	d	b	b	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 45/2020/0865	38.11	7.45	8.91	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2021/0040	38.30	7.18	8.59	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2021/0187	45.46	1.22	2.23	d	d	d	d	d	a	d	d	d	b	b	d
Major Development: 45/2021/1248	49.37	15.28	16.16	d	d	d	d	d	d	d	d	d	b	b	d
Major Development: 45/2022/0271	48.22	11.04	11.90	d	d	d	d	d	d	d	d	d	b	b	d
Major Development: 45/2022/0731	53.44	6.96	7.26	d	d	d	d	d	a	d	d	d	b	b	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 45/2023/0521	46.85	2.25	2.89	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 46/2019/0806	54.70	8.17	8.50	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 46/2021/0159	40.12	8.79	9.74	c	c	c	c	c	a	c	c	c	c	c	d
Major Development: 46/2021/1161	44.36	3.89	4.94	d	d	d	a	d	a	d	d	d	b	b	d
Major Development: 46/2023/0480	38.97	8.53	9.37	d	d	d	a	d	a	d	d	d	e	e	d
Major Development: 47/2020/0593	37.95	6.95	8.80	d	d	d	a	d	a	d	d	d	b	b	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: APP/17/01191	50.54	46.10	47.15	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/18/00841	48.35	24.55	25.55	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/18/01474	48.70	22.99	23.97	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/18/01475	49.72	44.75	45.80	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/19/00014	48.01	24.52	25.52	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/19/00833	49.59	24.48	25.45	d	d	d	d	d	d	d	d	d	b	d	d

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				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: APP/19/01376	49.94	27.26	28.24	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/20/00474	49.03	23.34	24.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/20/00646	49.12	22.73	23.70	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/20/00955	48.16	24.81	25.81	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/21/00963	48.34	25.57	26.57	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/21/02088	48.35	24.55	25.55	d	d	d	d	d	d	d	d	d	b	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: APP/21/02227	47.76	25.32	26.33	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/22/00379	49.03	23.34	24.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: APP/22/00884	49.03	23.34	24.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C17/1101/13/LL	49.48	31.65	39.90	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C17/1202/10/LL	42.52	26.95	36.08	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C17/1266/16/LL	48.14	32.73	41.30	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: C17/1269/25/LL	48.08	37.22	46.06	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C18/0365/11/AM	46.63	35.45	44.38	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C18/0796/11/R3	47.18	36.27	45.17	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C18/0838/11/LL	45.02	33.65	42.75	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C18/1159/13/LL	49.59	30.68	38.82	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C19/0078/11/LL	45.83	34.68	43.70	d	d	d	d	d	d	d	d	d	b	d	d

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Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: C19/0398/11/LL	47.36	35.83	44.68	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C19/0909/16/LL	45.89	33.00	41.92	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C19/0950/21/LL	48.31	31.17	39.60	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C20/0015/16/LL	46.20	33.33	42.22	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C20/0018/13/LL	49.31	31.64	39.92	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C20/0848/11/LL	45.62	34.27	43.30	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: C21/0617/16/LL	48.40	32.38	40.88	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C21/0803/11/LL	46.15	35.04	44.02	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C21/1083/16/LL	46.00	33.11	42.01	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C21/1174/11/LL	44.58	33.43	42.59	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C21/1206/25/LL	48.49	34.08	42.68	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C22/0134/16/LL	46.76	33.15	41.96	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: C22/0256/13/LL	49.26	31.51	39.79	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C22/0525/11/LL	47.07	35.81	44.70	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C22/0811/13/LL	49.83	31.17	39.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C22/1019/11/LL	45.25	34.10	43.18	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: C22/1020/11/LL	46.68	35.18	44.09	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: D56/2020/1	40.59	39.57	49.51	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: D56/2021/3	34.64	43.78	54.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: D56/2021/5	34.64	43.78	54.31	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: DC/2018/00020	49.05	42.88	43.94	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: DC/2018/00093	49.36	41.85	42.90	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: DC/2018/01105	49.74	43.49	44.55	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: DC/2018/01159	49.74	42.50	43.55	d	d	d	d	d	d	d	d	d	b	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)										Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics	
Major Development: DC/2018/01922	47.76	41.44	42.50	d	d	d	d	d	d	d	d	d	b	d	d	
Major Development: DC/2019/02012	50.02	42.89	43.94	d	d	d	d	d	d	d	d	d	b	d	d	
Major Development: DC/2020/00417	49.55	43.43	44.48	d	d	d	d	d	d	d	d	d	b	d	d	
Major Development: DC/2021/02494	49.96	42.89	43.94	d	d	d	d	d	d	d	d	d	b	d	d	
Major Development: DC/2022/01077	52.45	115.48	124.90	d	d	d	d	d	d	d	d	d	b	d	d	
Major Development: DC/2022/02326	50.19	60.89	62.37	d	d	d	d	d	d	d	d	d	b	d	d	

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: FPL/2019/204	37.00	40.31	50.61	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2019/207	35.86	50.10	60.68	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2019/217	36.47	40.27	50.62	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2020/215	40.23	39.44	49.41	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2021/332	38.03	38.77	48.95	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2022/131	37.50	58.69	69.39	d	d	d	d	d	d	d	d	d	b	d	d



## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: FPL/2022/195	42.78	62.51	73.06	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2022/284	39.04	37.29	47.35	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2022/291	37.11	34.42	44.64	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2022/34	37.50	58.69	69.39	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2022/71	48.69	58.45	68.38	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: FPL/2023/66	49.99	49.75	59.03	d	d	d	d	d	d	d	d	d	b	d	d

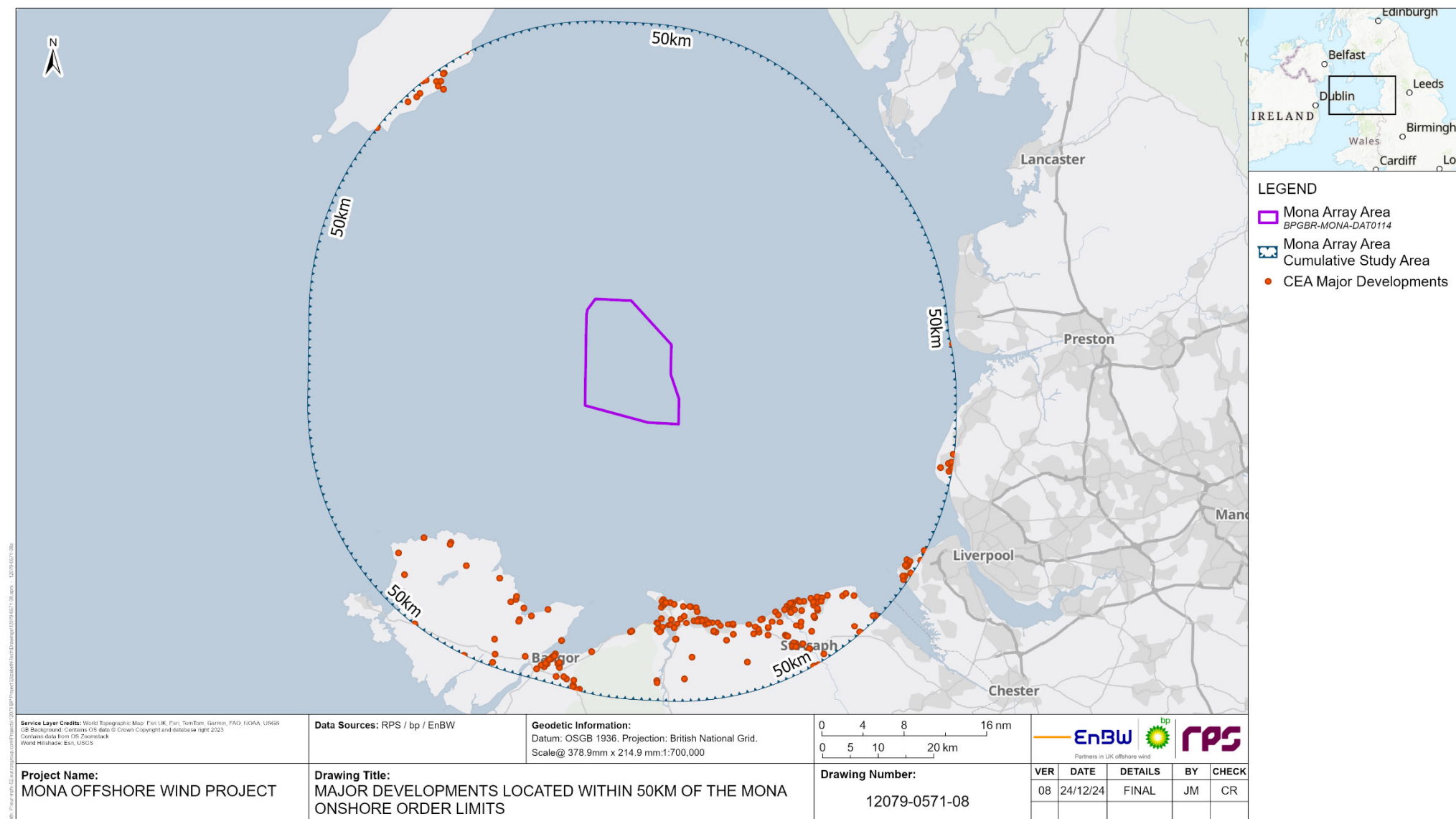
## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: LCC/2022/0030	52.45	115.48	124.90	d	d	d	d	d	d	d	d	d	b	d	d
Major Development: OP/2019/17	48.69	58.45	68.38	d	d	d	d	d	d	d	d	d	b	d	d
Porth Wen Solar Array Farm: 20C310B/EIA/RE	33.94	53.06	63.77	d	d	d	d	d	d	d	d	d	b	d	d
TBC	38.21	6.46	8.32	c	c	c	c	c	c	c	c	c	c	c	d
TBC	42.59	2.25	3.25	c	c	c	c	c	c	c	c	c	c	c	d
Major Development: 0/51920	35.02	13.88	24.26	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 22/2024/0045	60.35	14.29	14.80	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 20/2024/0130	68.69	22.23	22.67	d	d	d	d	d	d	d	d	d	d	d	d

## MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance to Mona Array Area (km)	Distance to Mona Onshore Development Area (km)	Distance to Mona Onshore Substation (km)	Mona Offshore Wind Project topic screening (onshore)									Mona Offshore Wind Project topic screening (offshore and onshore)		
				Geology and Ground Conditions	Hydrology and Flood Risk	Onshore Ecology	Historic Environment	Land use and Recreation	Traffic and Transport	Noise and Vibration	Air Quality	Onshore and Intertidal Ornithology	SLVIA (offshore)	SLVIA (onshore)	Socio-economics
Major Development: 46/2024/0155	46.73	2.11	2.77	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 28/2023/0851	50.70	4.39	4.61	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 13/2023/0908	67.00	20.43	20.81	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2023/0931	41.36	7.93	8.94	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 20/2024/0158	70.35	23.84	24.25	d	d	d	d	d	d	d	d	d	d	d	d
Screening Opinion: 47/2024/1201/EIA-SCR	48.94	4.53	5.13	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 46/2024/1200/PF	44.68	0.32	1.11	c	c	c	d	d	d	d	d	c	d	d	d

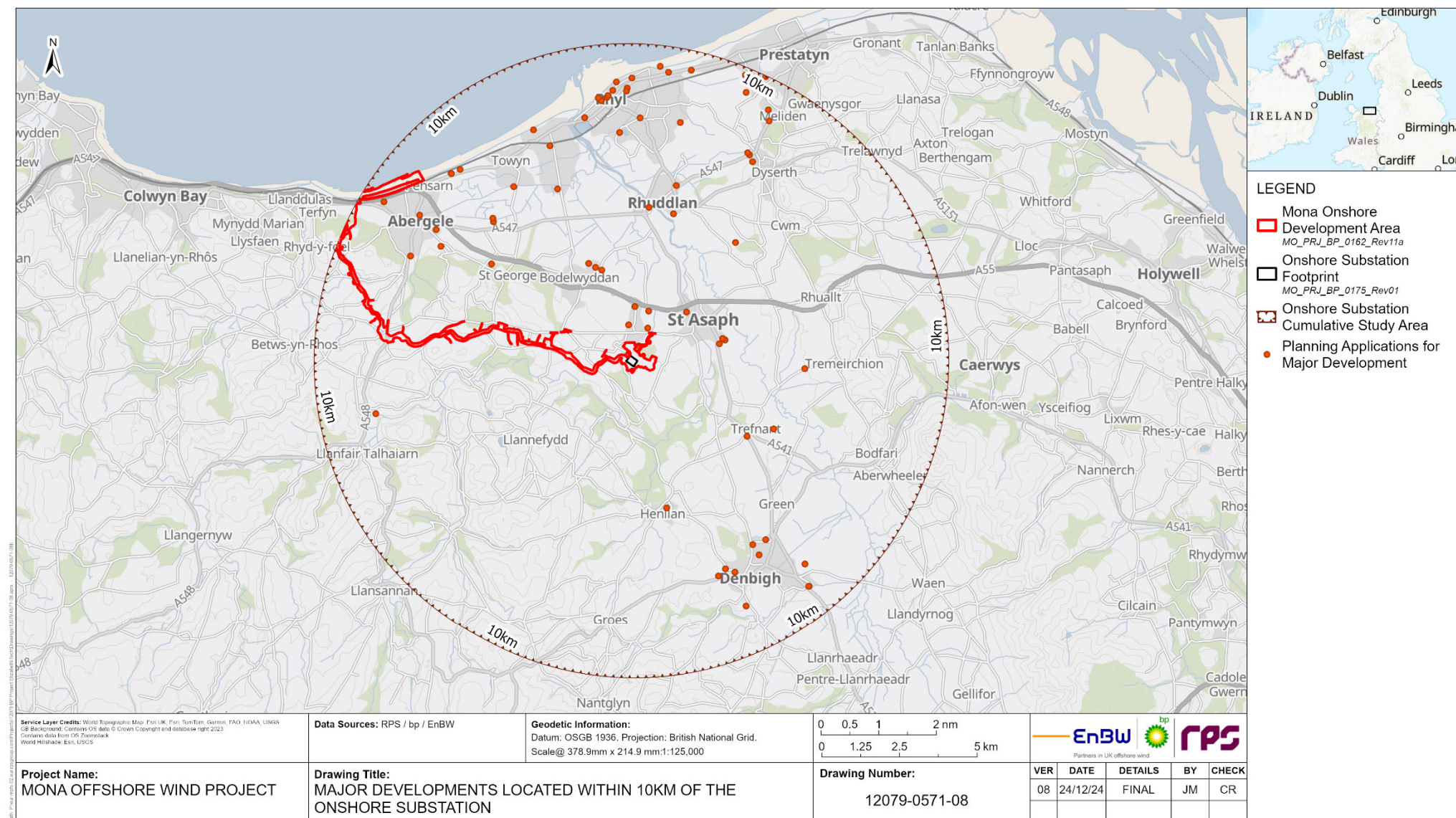
# MONA OFFSHORE WIND PROJECT



**Figure 1.24: Major developments located within 50 km of the Mona Onshore Development Area.**



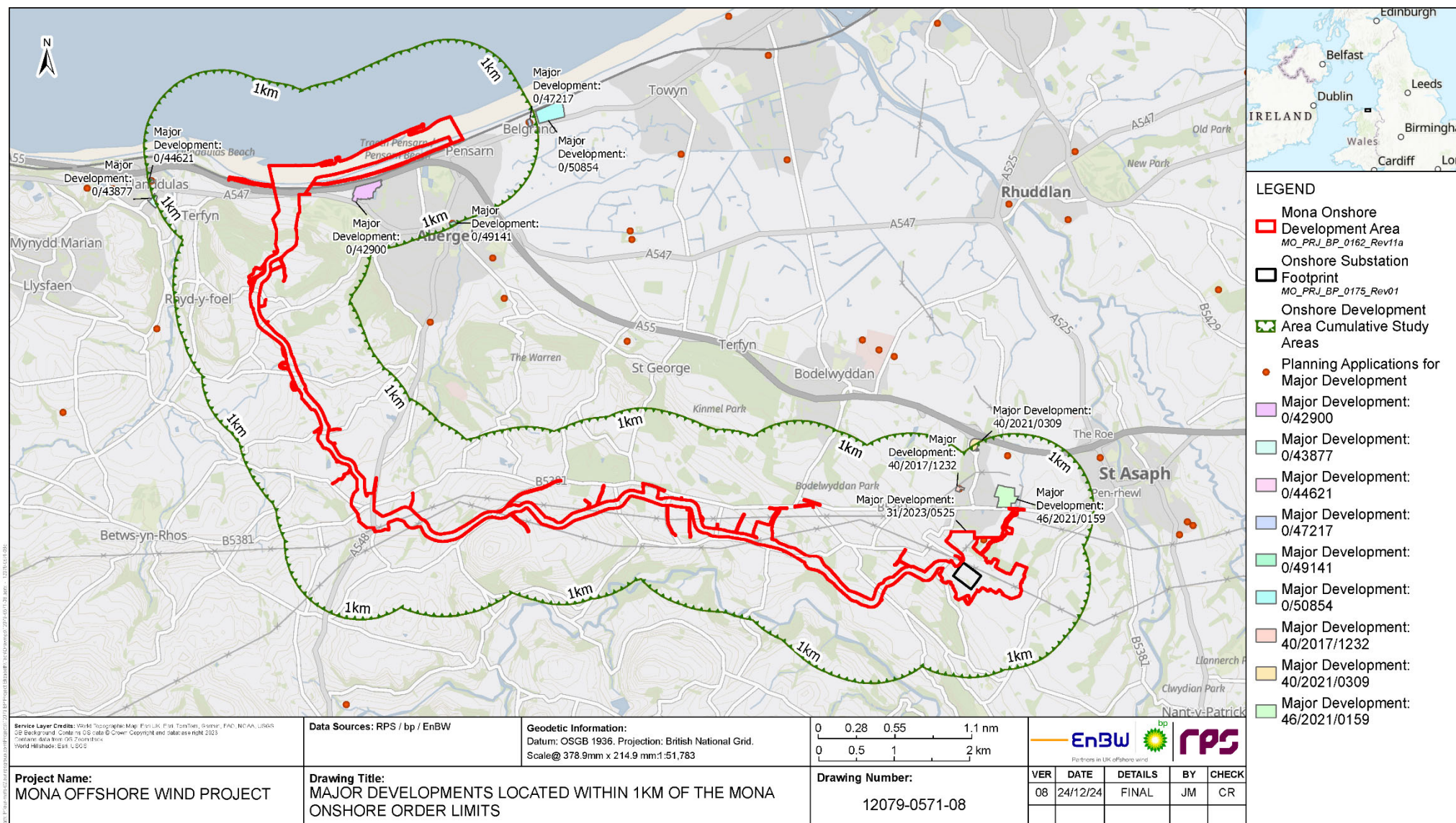
# MONA OFFSHORE WIND PROJECT



**Figure 1.25: Major developments located within 10 km of the Mona Onshore Substation indicative footprint.**



# MONA OFFSHORE WIND PROJECT



**Figure 1.26: Major developments located within 1 km of the Mona Onshore Development Area.**

## 1.28      **References**

Planning Inspectorate (2019) Advice Note Seventeen: Cumulative effects assessment relevant to nationally significant infrastructure projects, version 2. Available: <https://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/advice-note-17/>. Accessed August 2023.