

MONA OFFSHORE WIND PROJECT

Preliminary Environmental Information Report

Volume 5, annex 5.1: Cumulative effects screening matrix



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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
UXO	Unexploded Ordnance
VTS	Vessel Traffic Services

Units

Unit	Description
km	Kilometres

1 Cumulative effects screening matrix

1.1 Background

1.1.1.1 In order to undertake a Cumulative Effects Assessment (CEA), it was necessary to compile a long list of relevant projects, plans and activities with which the Mona Offshore Wind Project may interact to produce a cumulative effect. These projects, plans and activities are included in the cumulative effects screening matrix, presented below along with figures to show the location of the cumulative schemes.

1.1.1.2 In accordance with the Planning Inspectorate 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), the CEA long list was finalised three months before submission of the PEIR (on 01 January 2023). The CEA long list will be updated for the application for consent where additional data on projects already in the CEA long list or additional projects come forward.

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 were defined based upon the extent over which cumulative effects are likely to occur.

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 137km from the Mona Array Area and Mona Offshore Cable Corridor.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 11: Commercial fisheries of the PEIR.
Offshore energy including site investigations, Unexploded Ordnance (UXO) clearance, carbon capture and storage	Up to 500km from the Mona Array Area and Mona Offshore Cable Corridor.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 10: Offshore ornithology of the PEIR.
Commercial fisheries including aquaculture	Up to 200km from the Mona Array Area and Mona Offshore Cable Corridor.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 12: Shipping and navigation of the PEIR.
Oil and gas	Up to 200km from the Mona Array Area and Mona Offshore Cable Corridor.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 12: Shipping and navigation of the PEIR.
Cables and pipelines	Up to 137km from the Mona Array Area and Mona Offshore Cable Corridor.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 11: Commercial fisheries of the PEIR.
Shipping including Aids to Navigation (AtNs), anchorages, pilot boarding stations, Vessel Traffic Services (VTS) areas, International Maritime Organization (IMO) routing schemes	Up to 200km from the Mona Array Area and Mona Offshore Cable Corridor.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 12: Shipping and navigation of the PEIR.
Military, aviation and radar including Ministry of Defence (MOD) Practice and Exercise Areas (PEXAs)	Up to 200km from the Mona Array Area and Mona Offshore Cable Corridor.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 12: Shipping and navigation of the PEIR.

Project, plan and activity type	CEA search area extent	Justification
Coastal marine licences	Up to 200km from the Mona Array Area and Mona Offshore Cable Corridor.	This is the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 2, chapter 12: Shipping and navigation of the PEIR.

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 Table 1.2 and through a desktop interrogation of the following data sources:

- Conwy County Borough Council
- 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 1km from the Mona Proposed Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 3, chapter 16: Geology, hydrogeology and ground conditions of the PEIR.
Hydrology and flood risk	Up to 1km from the Mona Proposed Substations (Options 2 and 7) and 250m from the Mona Proposed Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 3, chapter 17: Hydrology and flood risk of the PEIR.
Onshore ecology	Up to 1km from the Mona Proposed Onshore Development Area. As explained in volume 3, chapter 18: Onshore ecology of the PEIR, this is likely to increase following submission of the PEIR.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 3, chapter 18: Onshore ecology of the PEIR.
Historic environment	Up to 1km from the Mona Proposed Onshore Development Area and 5km 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 19: Historic environment of the PEIR.

Topic	CEA search area extent	Justification
Land use and recreation	Up to 1km from the Mona Proposed Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 3, chapter 20: Land use and recreation of the PEIR.
Traffic and transport	Up to 1km from the Mona Proposed 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 21: Traffic and transport of the PEIR.
Noise and vibration	Up to 1km from the Mona Proposed Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 3, chapter 22: Noise and vibration of the PEIR.
Air quality	Up to 700m from the Mona Proposed Onshore Development Area.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 3, chapter 23: Air quality of the PEIR.
Onshore and intertidal ornithology	Up to 1km from the Mona Proposed Onshore Development Area. As explained in volume 3, chapter 24: Onshore and intertidal ornithology of the PEIR, this is likely to increase following submission of the PEIR.	This comprises the maximum distance within which projects, plans and activities were considered for the CEA presented in volume 3, chapter 24: Onshore and intertidal ornithology of the PEIR.
Seascape, Landscape and Visual Impact Assessment (SLVIA) (Offshore)	The operational/proposed onshore windfarm falls within 85km of the offshore array. As to avoid duplication, for operational/proposed onshore windfarms within 100km 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 4, chapter 26: Seascape, Landscape and Visual Resources of the PEIR.
SLVIA (onshore)	The operational/proposed onshore windfarm falls within 35km of the Mona Proposed Onshore Substations. The other proposed development falls within 10km of the Mona Proposed Onshore Substations.	This comprises the maximum distance within which onshore projects, plans and activities were considered for the CEA presented in volume 4, chapter 26: Seascape, Landscape and Visual Resources of the PEIR.
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 29: Socio-economics of the PEIR.

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 PEIR. 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 PEIR.

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:
 - 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 PEIR.

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 28: Climate change of the PEIR.

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 30: Human health assessment of the PEIR.

1.6 Offshore Cumulative Effects Matrix - Aggregate and disposal - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

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

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
Annual Maintenance Dredging Peel Harbour Isle of Man	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Capital harbour dredging and maintenance dredging. Extracted amount: 200,136 tonnes.	Operational																		
Bar/Wedge -Derwent OSPAR area	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Port of Workington Maintenance Dredging MLA/2019/00168.	Operational																		
Castletown Bay, Isle of Man	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Maintenance Harbour Dredging. Sea Disposal. Extracted amounts: 249 tonnes.	Operational																		
Catchpit	MMO	High – Data has been obtained from the developer’s website or a	Port of Workington Maintenance Dredging MLA/2019/00168.	Submitted but not yet determined																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
		consenting authority's portal																			
Channel -Derwent OSPAR area	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	Port of Workington Maintenance Dredging MLA/2019/00168.	Operational																	
Conwy River	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Maintenance harbour dredging. Extracted amount: 2,813 tonnes.	Operational																	
Cross Beck Outfall - Cumbria	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	Port of Workington Maintenance Dredging MLA/2019/00168.	Operational																	
Dee River	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Maintenance Dredging. Extracted amount: 321,693 tonnes. Sea disposal.	Operational																	
Deganwy Maintenance Dredge	Welsh Marine Planning Portal	High – Data has been obtained from the developer's website or a consenting authority's portal	Records of disposal volumes since 2009 show a total of 37,015 tonnes disposed at IS035 with annual averages of 6,169 tonnes.	Operational																	
Disposal of dredged material from Kilkeel Harbour	DAERA	High – Data has been obtained from the developer's website or a	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	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
		consenting authority's portal	the period of this licence is up to 49,999 metric tonnes.																		
Disposal of Glasson Dock Maintenance Dredging	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	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 9,999m ³ per year.	Operational																	
Disposal of maintenance dredge from nav channels & berths in Fleetwood SHA	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	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 70,000m ³ per year.	Operational																	
Douglas Harbour, Isle of Man	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Maintenance Harbour Dredging. Sea Disposal. Extracted amounts: 1,200 tonnes.	Operational																	
Dredging and disposal activities at Shell Island Lagoon	Welsh Marine Planning Portal	High – Data has been obtained from the developer's website or a consenting authority's portal	Dredge and dispose. Annual tonnage: 4,000 tonnes.	Operational																	
Dredging the approach to Canning Half Tide Dock	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	Dredging of silt from the lock gate entrance of the Canning Half Tide Dock to create a navigable channel. Dredging up to 5,000m ³ per year.	Operational																	
Heysham 1 & 2 dredging activities	MMO	High – Data has been obtained from the developer's website or a	Maintenance at cooling water outflows for nuclear power station. The amount that may need to be removed is approximately 75,000m ³ /year (105,000 dry tonnes/140,000 wet tonnes).	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)															
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055		
		consenting authority's portal																		
Heysham Harbour and Approaches Maintenance Disposal License	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	10 renewal of maintenance disposal licenses for the approaches and harbour of Heysham Port. Dredging at Heysham harbour up to 356,714m ³ of sand and 235,058m ³ of silt. Dredging at the Heysham approaches up to 293,764m ³ of sand. Disposal of silt and sand.	Operational																
Hilbre Swash	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Aggregates site agreements. Area: 21.8km ² .	Operational																
Liverpool 2 and River Mersey Approach Channel Dredging	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	Marine licence for a new ferry terminal and associated infrastructure. Infill of dock area of 20,000m ³ for West waterloo dock and 4,000m ³ 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																
Liverpool Bay	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Aggregates site agreements. Area: 13.9km ² .	Operational																
Liverpool Bay	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Aggregates site agreements. Area: 64.8km ² .	Operational																

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Liverpool Docks Maintenance Disposal	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Disposal of maintenance dredge material for the Mersey estuary. Disposal of up to 36,000m ³ for Seaforth dock, 240,000m ³ for Canada dock, 102,000m ³ for Gladstone dock, 18,000m ³ for Langton dock, 15,000m ³ for Sandon dock. Dredging of 200,000m ³ at Seaforth dock, 80,000m ³ at Birkenhead east float, 200,000m ³ at Canada Dock, 30,000m ³ at Huskisson dock, 50,000m ³ at Langton dock, 15,000m ³ at Sandon dock, 850,000m ³ at Gladstone dock.	Operational	Yellow	Yellow	Yellow	Blue									
Liverpool Marina Maintenance Dredging - Sustainable Relocation of Dredged Material to the River Mersey	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Maintenance dredging for the Brunswick and Coburg dock. Dredging of up to 98,000m ³ .	Operational	Yellow	Yellow	Yellow	Blue	Yellow	Yellow							
Luce Bay disposal site	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Disposal of dredge material at Luce Bay.	Operational	Yellow	Yellow	Yellow	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks 1	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Dredging to maintain navigation depths required for the approach channel at Garston Docks. Dredging of the approach channel up to 171,873m ³ per year. Dredging in the dock up to 63,461m ³ per year. Disposal of up to 355,000m ³ per year.	Operational	Yellow	Yellow	Yellow	Blue									
Maryport South Beach, tidal deposit removals	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	To protect the South pier structure by removing the build-up of gravel/sand grit material away from site.	Operational	Yellow			Blue									

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Mersey Channel and River Maintenance Dredge Disposal Renewal	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	This licence is for the disposal only of that material to four designated disposal sites: Mersey Mid river (IS120) 1,500,000m ³ Mersey of Bromborough 2 (IS128) 8,000,000m ³ Site Z (IS140) 21,000,000m ³ & 1,350,000m ³ Site Y (IS150).47,500,000m ³ & 1,350,000m ³ .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow								
Mostyn Maintenance dredging	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Dredge and/or disposal. 2,700,000m ³ per year.	Operational	Yellow	Yellow	Yellow														
Port of Barrow maintenance dredging disposal licence.	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow														
Port of Workington Maintenance Dredging 2019 - 2029 (Renewal)	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Dredging to maintain navigation depths required for the Port of Workington. Dredging within the dock up to 66,000m ³ . Dredging of the Turning Basin up to 700,000m ³ . Dredging of the channel up to 800,000m ³ . Dredging of the bar/wedge up to 850,000m ³ . Disposal at Solway firth up to 153,000m ³ per year, Disposal at Workington Anchorage up to 1,080,000m ³ per year. Dredging of catchpit up to 50,000m ³ .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow									
Ribble Link Dredging	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Maintenance dredging along the Ribble Link Canal. Dredging of up to 30,000m ³ .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow									

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Ribble River	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Maintenance Harbour Dredging. Sea disposal.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
RNLI Regional Maintenance	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White
Routine Marine Structure Maintenance Work	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Maintenance dredging up to 356,714m ³ sand and 235,058 silt in Heysham harbour. Dredging of 293,764m ³ in Heysham approach. Disposal of dredged material.	Operational	Yellow	White	White	White	White	White	White	White	White	White	White	White	White
Silloth Dredge Licence Renewal	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Dredging and disposal at the Port of Silloth. Dredging of up to 90,000m ³ .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White	White
Solway Firth	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Maintenance Dredging. Sea disposal.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Water injection dredge	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Deganwy Marina has been granted a licence by Natural Resources Wales to dredge up to 7,000m ³ of silt per year.	Operational	Yellow	White	White	White	White	White	White	White	White	White	White	White	White

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
West of Duddon Sands Pontoon Dredging Marine Licence	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White
West of Duddon Sands Pontoon Dredging Marine Licence	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Maintenance dredging up to 12,520m³.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White	White
Wyre River	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Maintenance dredging. Sea disposal.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics
Annual Maintenance Dredging Peel Harbour Isle of Man	59.7	82.1	d	d	d	d	d	a	a	d	d	d	d	d
Bar/Wedge -Derwent OSPAR area	92.2	118.1	d	d	d	d	d	d	d	d	d	d	d	d
Castletown Bay, Isle of Man	47.0	66.8	d	c	c	d	d	a	a	d	c	d	d	d
Catchpit	92.1	117.9	d	d	d	d	d	d	d	d	d	d	d	d
Channel -Derwent OSPAR area	92.0	117.9	d	d	d	d	d	d	d	d	d	d	d	d
Conwy River	33.9	7.7	c	c	c	d	d	a	a	d	c	d	d	d
Cross Beck Outfall - Cumbria	109.5	134.5	d	d	d	d	d	d	d	d	d	d	d	d
Dee River	46.1	26.7	d	c	c	d	d	a	a	d	c	d	d	d
Deganwy Maintenance Dredge	34.1	7.6	d	f	f	d	d	f	f	d	d	d	d	d

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Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	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	d	d
Disposal of Glasson Dock Maintenance Dredging	66.4	76.1	d	d	d	d	d	d	a	a	d	d	d	d	d	d
Disposal of maintenance dredge from nav channels & berths in Fleetwood SHA	51.9	61.7	d	d	d	d	d	d	f	f	d	d	d	d	d	d
Douglas Harbour, Isle of Man	43.1	67.0	d	c	c	d	d	d	a	a	d	c	d	d	d	d
Dredging and disposal activities at Shell Island Lagoon	87.2	61.8	d	d	d	d	d	d	f	f	d	d	d	d	d	d
Dredging the approach to Canning Half Tide Dock	52.2	41.8	d	f	f	d	d	d	f	d	d	d	d	d	d	d
Heysham 1 & 2 dredging activities	56.5	66.5	d	d	d	d	d	d	a	a	d	d	d	d	d	d
Heysham Harbour and Approaches Maintenance Disposal License	56.7	66.7	d	d	d	d	d	d	a	a	d	d	d	d	d	d
Hilbre Swash	17.1	17.2	c	c	c	d	d	d	a	a	a	a	d	d	d	d
Liverpool 2 and River Mersey Approach Channel Dredging	15.5	22.4	d	c	c	a	d	d	a	a	d	c	d	d	d	d
Liverpool Bay	4.4	11.7	d	f	f	d	d	d	f	f	d	d	d	d	d	d
Liverpool Bay	14.5	20.1	d	f	f	d	d	d	f	f	d	d	d	d	d	d
Liverpool Docks Maintenance Disposal	26.8	33.7	d	f	f	d	d	d	f	f	d	d	d	d	d	d
Liverpool Marina Maintenance Dredging - Sustainable Relocation of Dredged Material to the River Mersey	53.6	42.0	d	c	c	d	d	d	a	a	d	c	d	d	d	d
Luce Bay disposal site	122.0	148.0	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks 1	59.2	45.6	d	f	f	d	d	d	f	f	d	d	d	d	d	d
Maryport South Beach, tidal deposit removals	100.2	125.7	d	d	d	d	d	d	f	f	d	d	d	d	d	d

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
Mersey Channel and River Maintenance Dredge Disposal Renewal	15.6	22.5	d	c	c	d	d	a	a	d	c	d	d	d
Mostyn Maintenance dredging	42.5	21.9	d	f	f	d	d	f	f	d	d	d	d	d
Port of Barrow maintenance dredging disposal licence.	47.7	58.1	d	c	c	d	d	a	a	d	c	d	d	d
Port of Workington Maintenance Dredging 2019 -2029 (Renewal)	92.1	117.9	d	d	d	d	d	d	d	d	d	d	d	d
Ribble Link Dredging	61.0	69.4	d	d	d	d	d	a	a	d	d	d	d	d
Ribble River	59.8	68.1	d	d	d	d	d	d	d	d	d	d	d	d
RNLI Regional Maintenance	54.8	31.8	d	c	c	d	d	a	a	d	c	d	d	d
Routine Marine Structure Maintenance Work	65.9	75.8	d	f	f	f	d	f	f	d	d	d		d
Silloth Dredge Licence Renewal	117.4	142.7	d	d	d	d	d	a	a	d	d	d	d	d
Solway Firth	101.7	128.9	d	d	d	d	d	d	d	d	d	d	d	d
Water injection dredge	132.7	102.7	d	d	d	d	d	f	d	d	d	d	d	d
West of Duddon Sands Pontoon Dredging Marine Licence	54.1	67.1	d	d	d	d	d	a	a	d	d	d	d	d
West of Duddon Sands Pontoon Dredging Marine Licence	54.1	67.1	d	d	a	a	d	a	a	d	a	d	d	d
Wyre River	54.2	63.8	d	d	d	d	d	a	a	d	d	d	d	d

MONA OFFSHORE WIND PROJECT

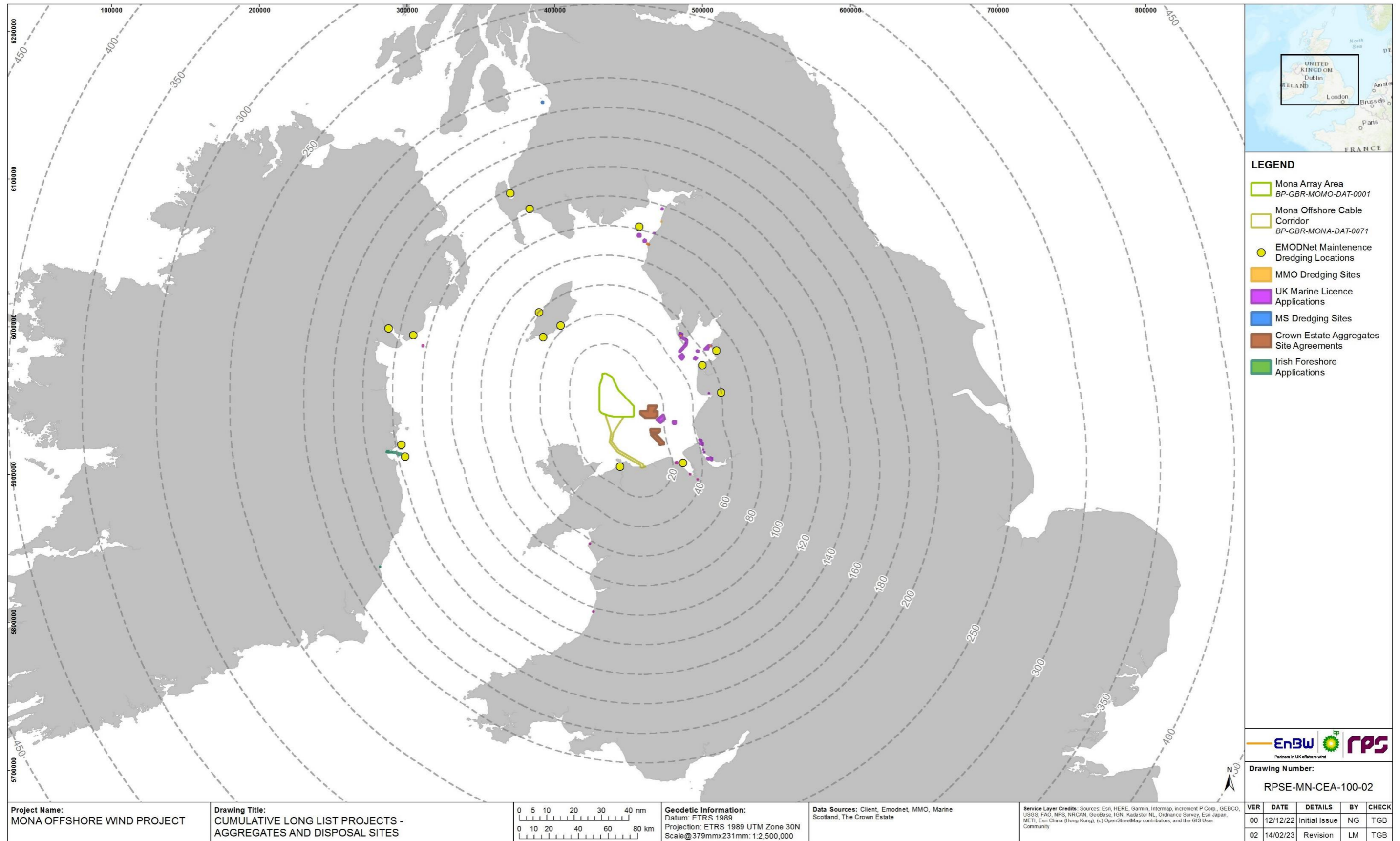


Figure 1.1: Aggregate and disposal projects, plans and activities considered in the Mona Offshore Wind Project CEA.

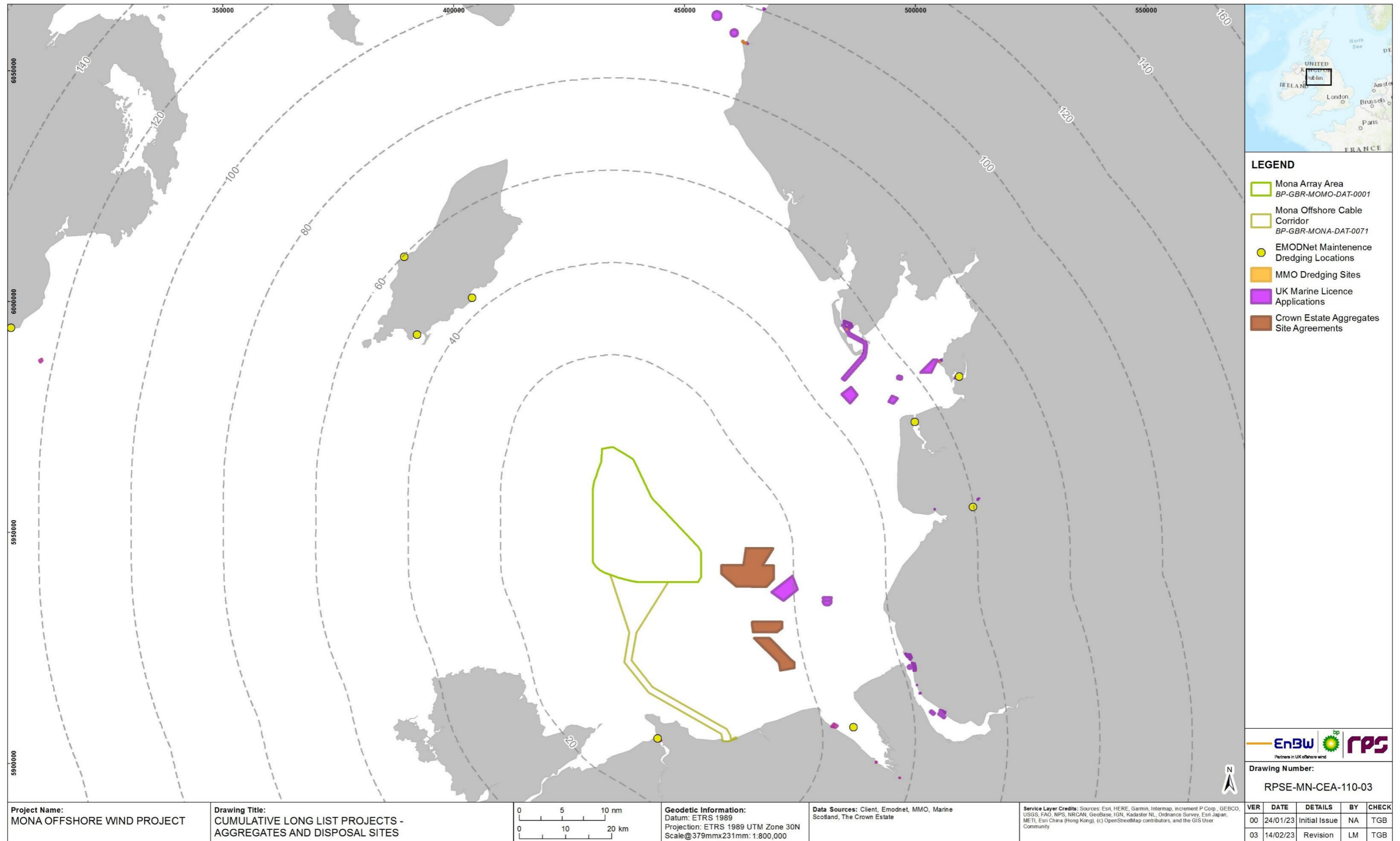


Figure 1.2: Aggregate and disposal projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.8 Offshore Cumulative Effects Matrix - Offshore Energy - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

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

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
Aberdeen Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Total capacity of 96.8MW with 11 wind turbines.	Operational																			
Alderney Race Tidal	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Tidal test site at Alderney.	Pre-application																			
Application for Site Investigation Licence for Windfarm off Helvick Head	Irish Government	High – Data has been obtained from the developer’s website or a consenting	Geophysical, geotechnical, archaeological, ecological, and oceanographic and meteorological surveys.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		authority's portal			Yellow	Yellow	Yellow	Yellow										
Argyll Tidal Demonstrator Project	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Consists of a single 500KW Nautricity CoRMaT tidal turbine with contra-rotating rotors. All foundations, moorings, electrical collection system and an export cable connecting the tidal turbine to shore, all as described in the application. Marine licence granted in 2014 but construction on hold.	Permitted but not yet implemented														
Arklow Bank Phase 1 Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of 25.2MW.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow								
Arklow Bank Wind Park Phase 2	SSE Renewables	High – Data has been obtained from the developer's website or a consenting authority's portal	Maximum capacity of up to 800MW.	Pre-application														
Atlantic Marine Energy Test Site (AMETS) - test area A	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Test Area A at 100m water depth is located some 16km out from Belderra Strand. Test Area A is 6.9km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow								

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
Atlantic Marine Energy Test Site (AMETS) - test area B	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Test Area B at 50m water depth is located 6km from the strand. Test Area B is 1.5km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White	White	White	White	White
Awel y Môr Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 500MW. Applicant expects consent Q3 2023. Construction to commence 2026, commissioned by 2030.	Submitted but not yet determined	Green	Green	Green	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Bardsey Sound	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Nova’s Ynys Enlli Tidal Energy project will involve placing an array of their M100 100kW turbines in Swnt Enlli (Bardsey Sound) between Ynys Enlli (Bardsey Island) and the Llŷn Peninsula mainland in north Wales.	Pre-application	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White
Barrow Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 90MW, 30 wind turbines.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White	White	White	White	White
Barrow Offshore Wind Farm Export Cable Repair and Remediation	MMO	High – Data has been obtained from the developer’s website or a consenting	The proposed works include; <ul style="list-style-type: none"> • 5 x cable repair events, with associated jacking-up • 10 x cable remediation events (via jetting). 	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White	White	White	White

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
		authority's portal			Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow						
Barrow Offshore Wind Farm O&M Marine Licence	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Yellow	Yellow	Yellow	Yellow									
Beatrice Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Fully operational, 84 wind turbines, 588MW installed. Operational base in Wick.	Operational	Yellow	Yellow	Yellow	Yellow									
Bellrock Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Scotwind area awarded to BlueFloat Energy as part of the ScotWind offshore wind leasing round. 1.2GW	Pre-application													
Belwind phase 1 Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	The Belwind Offshore Energy Windfarm is located on the Bligh bank approximately 46-52km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North Sea.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Belwind phase 2 Offshore Wind Farm (Nobelwind) (Zone 1)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The Belwind Offshore Energy Windfarm is located on the Blighbank approximately 46-52km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North sea.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Belwind phase 2 Offshore Wind Farm (Nobelwind) (Zone 2)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The Belwind Offshore Energy Windfarm is located on the Blighbank approximately 46-52km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North sea.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Berwick Bank Firth of Forth Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 4.1GW.	Pre-application	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White
Blackwater Offshore Wind Farm	Flotation Energy	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Blackwater is a 1,500MW floating offshore wind farm located in the Celtic Sea, offshore County Wexford. Planning permission expected 2026. Full commissioning expected 2030.	Pre-Application	Green	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Blyth Demo Offshore Wind Farm Phase 1	The Crown Estate	High – Data has been obtained from the developer’s	41.5MW, five wind turbines. Area - 3.637km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
		website or a consenting authority's portal																			
Blyth Demo Offshore Wind Farm Phases 2&3	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Planned capacity of 58.4MW, up to five wind turbines. Area - 15.166km ² .	Submitted but not yet determined																	
Borssele Kavel I Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Capacity of 752MW. Fully functional since November 2020. 94 8MW wind turbines.	Operational																	
Borssele Kavel II Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Capacity of 752MW. Fully functional since November 2020. 94 8MW wind turbines.	Operational																	
Borssele Kavel III Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting	731.5MW wind project located 22km offshore the Zeeland province in the Netherlands. Began operations in 2021.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		authority's portal																
Borssele Kavel IV Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	731.5MW wind project located 22km offshore the Zeeland province in the Netherlands. Began operations in 2021.	Operational														
Borssele Kavel V Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Two Vestas 9.5MW wind turbines.	Operational														
bp and EnBW Round 4 Offshore Wind Farm Deep Geotechnical Survey	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	A deep geotechnical survey of the bidding areas (named Morgan and Mona), which will include boreholes and deep Piezo Cone Penetrometer Tests (PCPTs) in the Irish Sea, in both English and Welsh waters.	Operational														
Braymore Point Offshore Wind Farm	SSE Renewables	High – Data has been obtained from the developer's website or a consenting	Proposed offshore windfarm, up to 1GW Capacity. Area: 444km ² .	Pre-application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
		authority's portal			Green	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Braymore Point site investigation Ref No. FS006973	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Geophysical, geotechnical, wind resource and metocean, topographic, environmental surveys.	Operational	Yellow	Yellow	Yellow										
Bridgwater Bay Tidal lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Tidal barrage over Bridgewater bay. Would generate an estimated 2.6TWh of power per year.	Pre-application													
Broadshore Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Scotwind area awarded to BlueFloat Energy as part of the ScotWind offshore wind leasing round. 500MW capacity.	Pre-application													
Buchan Deep Demo Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Floating offshore wind farm. Capacity of 30MW.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																								
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055											
Burbo Bank Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 90MW. Area - 10km ² .	Operational																									
Burbo bank cable repair and remediation	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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																									
Burbo Bank Extension Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 258MW. 32 wind turbines. Area - 40km ² .	Operational																									
Burbo Bank Extension - Array cable repair and remediation activities	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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																									
Burbo Bank Extension - Export cable repair and remediation activities	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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																									

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Burbo Bank Offshore Wind Farm - O&M Marine Licence for Export Cable Repair/Remediation Activities	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Cailleach Offshore Wind Farm, Wicklow	4C Offshore	Low – There is a lack of robust data and information in the public domain which is outwith the Applicant’s control	Announced offshore wind project. Capacity of 1.6GW. Spread over an area of 317km ² .	Pre-application														
Caledonia Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Scotwind area awarded to Ocean Wind as part of the ScotWind offshore wind leasing round. 1GW capacity.	Pre-application														
CampionWind Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Scotwind area awarded to Shell New Energies as part of the ScotWind offshore wind leasing round. 2GW capacity.	Pre-application														
Cardiff Bay Tidal Lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting	Tidal barrage over Cardiff Bay.	Pre-application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		authority's portal																
Celtic One Offshore Wind Farm	Offshore Wind.Biz	Low – There is a lack of robust data and information in the public domain which is outwith the Applicant's control	800MW site. Floating offshore wind, Phase 2 of this site is located approximately 27km south of Ballycotton.	Pre-Application														
Celtic Sea Array Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	1.2GW planned capacity.	Submitted but not yet determined														
Celtic Sea RWE Renewables	RWE Renewables	High – Data has been obtained from the developer's website or a consenting authority's portal	300MW site.	Pre-Application														
Celtic Two Offshore Wind Farm	Offshore Wind.Biz	Low – There is a lack of robust data and information in the public domain which is outwith the Applicant's control	300MW site. 20 wind turbines. Welsh waters in the Celtic Sea, 40 miles off the coast of Pembrokeshire.	Pre-Application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Clarus Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	400MW site.	Pre-Application	Green	Green	Green	Green	Green	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Clarus Offshore Wind Farm - Site Investigations off Counties Kerry and Clare	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, archaeological, wind resource and metocean, ecological surveys. Licence sought for 5 years.	Submitted but not yet determined	Yellow	Yellow	Yellow	Yellow	Yellow									
Clogher Head Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Planned capacity of 800MW.	Pre-application														
Cluaran Deas Ear Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Scotwind area awarded to DEME as part of the ScotWind offshore wind leasing round. 1GW capacity.	Pre-application														
Codling Wind Park Extension Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Total area 125km ² . Capacity between 900MW and 1,500MW.	Pre-application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)														
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
Codling Wind Park Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Offshore wind, 900MW Planned capacity, off of the coast Wicklow. Spread over an area of 125km ² .	Pre-application															
Codling Wind Park site investigation Ref No. FS007045	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 licence duration of 5 years.	Operational	Yellow	Yellow	Yellow	Yellow											
Colwyn Bay Tidal Lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Tidal barrage over Colwyn Bay.	Pre-application															
Connel	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	1MW tidal turbine.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow										
Cooley Point Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a	Foreshore Licence application for site investigation works to inform the development of an Offshore Wind Farm. Geophysical, geotechnical, archaeology, ecology surveys.	Pre-application															

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		consenting authority's portal																
Courseulles-sur-mer Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	450MW. 75 wind turbines.	Under Construction	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Dieppe - Le Treport Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	2,000GWh of electricity a year from 2021. The estimated operational life of the wind farm is 20 years. 17km off the coast of Dieppe. 110km ² area, 62 wind turbines.	Under Construction	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Dogger Bank B Offshore Wind Farm (Sofia)	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of 1.4GW. Area – 593km ² .	Under Construction	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Dogger Bank C Offshore Wind Farm (Creyeke Beck)	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of 1.2GW. Area of around 560km ² .	Permitted but not yet implemented	Green	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																			
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055						
Dogger Bank South Offshore Wind Farm (East)	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Area of 493km ² , 1500MW capacity.	Pre-application																				
Dogger Bank South Offshore Wind Farm (West)	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Area of 495km ² , 1500MW capacity.	Pre-application																				
Dogger Bank Teeside A Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 1.2GW, Area of around 515km ² .	Under Construction																				
DONG Energy Burbo (UK) Ltd - Operational Marine Licence Inter Array Cable Repair	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – There is a lack of robust data and information in the public domain which is outwith the	Mixture of static and floating wind turbines, located off the north coast of county Donegal. Area - 1,324km ² .	Pre-Application																				

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		Applicant's control																
Dublin Array Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	600MW offshore wind power project. Area of 54km ² .	Pre-application	Green	Green	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Duddon Estuary Tidal Lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Predicted 7-8 million MWh annually.	Pre-application														
Dudgeon Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of 402MW - 67 6MW wind turbines.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Dudgeon Extension Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Joint offshore wind farm application with Sheringham Shoal. 402MW	Submitted but not yet determined	Green	Green	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)														
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
East Anglia ONE Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Offshore wind farm - 102 wind turbines - 714MW capacity. Area - 300km ² .	Operational															
East Anglia ONE NORTH Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Offshore wind farm - 800MW capacity. Area - 208km ² .	Permitted but not yet implemented															
East Anglia THREE Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Offshore wind farm - up to 1400MW capacity. Area - 305km ² .	Permitted but not yet implemented															
East Anglia TWO Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Offshore wind farm - 900MW capacity. Area - 218.4km ² .	Permitted but not yet implemented															
Endurance	bp	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 (CO ₂) emissions safely in the	Submitted but not yet determined															

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
			UK North Sea. bp acting as operator.																		
Energy Methil Demonstration	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Also known as Forthwind Demonstration. One wind turbine of up to 20MW.	Submitted but not yet determined																	
Erebus Floating Wind Demo	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	100MW test & demonstration project in the Celtic Sea.	Submitted but not yet determined																	
FabTest, Falmouth Bay	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	FabTest is a 2.8km ² 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																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
Fair Head	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Proposal for a 100MW tidal array covering an approx. area of 4.2km ² to be built 1km offshore at Fair Head. Phase 1 is up to 10MW but no licence issued to date.	Submitted but not yet determined																			
Fair Head Phase 2	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Proposal for a 100MW tidal array covering an approx. area of 4.2km ² to be built 1km off shore at Fair Head. Phase 2 is up to 90MW but no licence issued to date. Lifetime of 25 years.	Pre-application																			
Fall of Warness Tidal Test Site	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 10MW.	Operational																			
Fecamp Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	498MW wind farm located in the English Channel, off the coast of northern France. Area - 67km ² . 22km from shore.	Under Construction																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)														
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
Five Estuaries Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	149km ² area. Galloper wind farm extension. Capacity of 353MW.	Pre-application															
FS007031 Statkraft North Irish Sea Array (NISA) Site Investigations	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical survey, Geotechnical survey, metocean device, floating lidar, ecology surveys, archaeology surveys.	Operational															
FS007048 Energia Site Investigation off Wexford Coast	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, archaeology, ecological and oceanographic surveys.	Operational															
FS007062 SEAI SAIPAM Site Investigation for Floating Offshore Wind testing at AMETS Site Mayo	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 6MW at Atlantic Marine Energy Test Site in partnership with SEAI off the west coast of Co. Mayo. MBES, SSS, SBP, CPT and benthic sampling. SI works were proposed to be undertake between May and September	Submitted but not yet determined															

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			2020 but no licence granted as of August 2022.															
FS007081 DesignPro Cahiracon Quay Tidal Energy Testing	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Test site for a tidal energy device. The test devices proposed for deployment off the pier at Inishmurry (Cahiracon, Co Clare) are 60kW devices.	Submitted but not yet determined														
FS007134 ESB Wind Development Limited Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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														
FS007136 ESB Wind Development Limited Site Investigations off Waterford and Cork Coasts - Helvick Head Offshore Wind	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, oceanographic and metocean, ecological and archaeological surveys.	Submitted but not yet determined														
FS007138 ESB Celtic Offshore Wind - Site Investigations off Waterford and Cork	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, oceanographic and metocean, ecological and archaeological surveys.	Submitted but not yet determined														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
FS007151 Sunrise Wind Ltd., Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow (Applied Dec 2021)	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, oceanographic and metocean, ecological and archaeological surveys.	Submitted but not yet determined	Yellow	Yellow	Yellow	Yellow										
FS007163 Wicklow Sea Wind Ltd., Site Investigations for the proposed Wicklow Project offshore wind farm, off County Wicklow	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, archaeology, subtidal benthic, seabed and marine mammal, project and current resource measurement, geotechnical surveys.	Submitted but not yet determined														
FS007261 Shelmalere Offshore Wind Farm - Site Investigations off Counties Wexford and Wicklow	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Hydrographical, geographical, geotechnical, ecological and geophysical survey activities.	Submitted but not yet determined														
FS007283 Banba Wind Ltd., Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin (Applied Dec 2021)	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The following types of surveys will be carried out: <ul style="list-style-type: none"> • 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	Yellow	Yellow	Yellow	Yellow										
FS007354 Kinsale Offshore Wind Ltd., Site Investigations for the proposed Kinsale Project	Irish Government	High – Data has been obtained from the developer’s	Geophysical, archaeology, subtidal benthic, seabed and marine mammal, wind and current resource measurement, geotechnical	Submitted but not yet determined														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
offshore wind farm, off County Cork. (Applied Jan 2022)		website or a consenting authority's portal	surveys, Duration of deployments is expected to be between 12 and 36 months.																			
Fuinneamh Sceirde Teoranta - Site Investigations for the proposed Sceirde Rocks Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	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 – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of 353MW, 56 wind turbines.	Operational																		
Greater Gabbard Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of 504MW, 140 wind turbines.	Operational																		
Green Volt Offshore Wind Farm	Marine Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Expected to be operational by 2026. Scoping report submitted. Capacity of 1GW.	Pre-application																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Greystones Offshore Wind Farm	Flotation Energy	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Greystones is a 1,000MW fixed offshore wind farm located in the Irish Sea, southeast of Dublin.	Pre-Application	Green	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Gunfleet Sands Demo Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	12MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Gunfleet Sands I Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	108MW capacity. 17.5km ² area between both Gunfleet Sands projects.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Gunfleet Sands II Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	64.8MW capacity. 17.5km ² area between both Gunfleet Sands projects.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Gwynt Glas Offshore Wind Farm	EDF	High – Data has been obtained from the developer’s website or a consenting authority’s portal	300MW site prospective floating offshore wind farm being investigated between 10-25km from the coast of Pembrokeshire. Site area of approx. 94km ² . 15-20 wind turbines.	Pre-Application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Gwynt y Môr Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 576MW, 90km ² area.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow			
Harris Demonstration Zone	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The Islay and Harris development sites, overall capacity of 100MW.	Pre-application														
Haven Offshore Array	Haven (https://havenoffshorearray.ie/)	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Wind farm off the north coast of Ireland.	Pre-Application														
Hibernian Wind Power. Ref No. FS006788 Kilmichael Point site investigation	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, archaeological, ecology surveys. Expected to commence in 2018 for 3 years, licence valid for 5 years.	Operational	Yellow													
Hollandse Kust (West) Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s	Capacity of 1,400MW. Area - 176km ² .	Pre-application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		website or a consenting authority's portal																
Hollandse Kust D Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Construction scheduled to be complete in 2023. 1.5GW capacity.	Under Construction	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Hollandse Kust F Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Construction scheduled to be complete in 2023. 1.5GW capacity.	Under Construction	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Holyhead Deep-Phase 1	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	First full-scale deployment of Minesto's tidal energy concept. Capacity of 0.5MW.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Holyhead Deep Project , Safety Zone Application	MMO	High – Data has been obtained from the developer's website or a consenting	Safety zone application for the Minesto deep tidal site.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		authority's portal																
Hornsea Project 1 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	1.2GW capacity, 407km ² area, 174 wind turbines.	Operational														
Hornsea Project 2 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	1.3GW capacity, 462km ² area, 165 wind turbines.	Operational														
Hornsea Project 3 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	2.4GW capacity, 696 km ² area.	Under Construction														
Hornsea Project 4 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Hornsea Four is an offshore wind farm which Ørsted is proposing to develop in the North Sea, approximately 69km off the Yorkshire Coast.	Submitted but not yet determined														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Humber Gateway Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	219MW capacity, 73 wind turbines. Area - 35km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
IJmuiden Ver Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	62km off the west coast of the Netherlands. An application period is planned for 2025.	Pre-application																	
Inch Cape Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	72 wind turbines, capacity of 1.1GW.	Permitted but not yet implemented	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow									
Inis Eagla Marine Energy Park Ltd site investigations FS006859 (Co. Cork)	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Site Investigations relating to a potential offshore wind farm at Inis Ealga, Cork.	Submitted but not yet determined	Yellow	Yellow															
Inis Ealga Marine Energy Park	4C Offshore	Low – There is a lack of robust data and information in the public	Expected to have a capacity of 1GW. Floating offshore wind.	Pre-application	Green	Green	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		domain which is outwith the Applicant's control			Green	Green	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Inis Offshore Wind Munster	Inis Offshore Wind (https://inisoffshorewind.ie/)	High – Data has been obtained from the developer's website or a consenting authority's portal	100MW site	Pre-Application														
Inner Dowsing Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	97.2MW Capacity	Operational	Yellow	Yellow	Yellow	Yellow	Yellow									
Innogy Ref No. FS007029 Dublin Array site investigation	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Application for a Site Investigation Licence to carry out geophysical surveys, geotechnical surveys, ecological surveys and wind and metocean surveys	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Irish Sea North Met mast and Geotechnical survey	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	Met mast and geotechnical survey	Operational	Yellow													

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Isle of Islay	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The Islay and Harris development sites, overall capacity of 100MW.	Pre-application																	
Isle of Man Offshore Wind Farm lease area	Ørsted A/S	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The project is at an early stage of development, and as such its final layout and size are not known. Subject to investigations, and the outcome of future consenting processes, the wind farm could generate 800MW or more of electricity.	Pre-application																	
Kentish Flats Extension Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	49.5MW capacity. Area - 49.5km ² .	Operational																	
Kentish Flats Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	90MW capacity.	Operational																	
Kilmichael Point Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting	Concept/early planning offshore wind farm. 500MW capacity.	Pre-application																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		authority's portal																
Kincardine Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	50MW floating offshore wind farm	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Latitude 52 Array Offshore Wind Farm	4C Offshore	Low – There is a lack of robust data and information in the public domain which is outwith the Applicant's control	Planned capacity is up to 1GW, spread over 300km ² .	Pre-application														
Lincs Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of 270MW. Area - 35km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Llyr 1 Offshore Wind Farm	NRW	High – Data has been obtained from the developer's website or a consenting authority's portal	100MW 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	Green	Green	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Llyr 2 Offshore Wind Farm	NRW	High – Data has been obtained from the developer’s website or a consenting authority’s portal	100MW 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	Green	Green	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Llywelyn Offshore Wind Farm	Llywelyn Wind	High – Data has been obtained from the developer’s website or a consenting authority’s portal	100MW site. Up to eight wind turbines, off of the Pembrokeshire coast. Scoping report submitted.	Pre-Application	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Loch Garman Offshore Wind Farm	Loch Garman	High – Data has been obtained from the developer’s website or a consenting authority’s portal	100MW offshore wind power project off the coast of County Wexford.	Pre-Application				Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
London Array Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	630MW capacity. Area - 122km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Lynn Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	97.2MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
Machair Wind	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	3,000MW site. wind-SMR (Small Modular Reactor) and hydrogen production hybrid energy project.	Pre-Application																		
Mainstream Renewable Power Ltd - Site Investigations off Tralee FS007375	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, metocean, benthic subtidal and intertidal, fish and shellfish, passive acoustic monitoring, boat based visual surveys.	Submitted but not yet determined																		
Mainstream, Renewable Power Ltd- Site Investigations off Co, Dublin FS007373	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Foreshore licence for site investigation and survey including geophysical, geotechnical, metocean survey, benthic surveys, fish and shellfish surveys, PAM monitoring and boat based survey for birds and mammals	Submitted but not yet determined																		
MarramWind Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Scotwind area awarded to Scottish Power Renewables as part of the ScotWind offshore wind leasing round. 3GW capacity.	Pre-application																		
Merlin Offshore Wind Farm	Merlin	High – Data has been obtained from the developer’s website or a consenting authority’s portal	1,000MW proposed capacity.	Pre-Application																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Mermaid wave	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Wave energy device in Belgium. 600kW.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow								
Mersey Tidal Power	City of Liverpool	High – Data has been obtained from the developer’s website or a consenting authority’s portal	At least 1GW Capacity, 2TWh Annual Generation.	Pre-application													
META Phase 2 demonstration zones	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow							
Moray Offshore Wind Farm (East)	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 950MW. Area - 295km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Moray Offshore Wind Farm (West)	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a	Up to 85 wind turbines, capacity of 882MW.	Permitted but not yet implemented	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
		consenting authority's portal															
Morecambe Bay Tidal Lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	8,000,000MWh of electricity per year.	Pre-application													
Morecambe Offshore Windfarm Generation Assets	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	Generation assets of the Morecambe Offshore Windfarm.	Pre-application													
Morgan Offshore Wind Project Generation Assets	Morgan Offshore Wind Ltd	High – Data has been obtained from the developer's website or a consenting authority's portal	Awarded as part of Offshore Wind Leasing Round 4. 322.2km ² area, 22.3km from the Isle of Man and 36.2km from the northwest coast of England. Up to 107 turbines.	Pre-application													
Morgan and Morecambe Offshore Windfarms Transmission Assets	Morgan Offshore Wind Ltd and Morecambe Offshore Windfarm Ltd	High – Data has been obtained from the developer's website or a consenting authority's portal	Application for the co-ordinated transmission assets for the Morgan and Morecambe Offshore Wind Projects.	Pre-application													

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
Morven Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Scotwind area awarded to bpEnBW as part of the ScotWind offshore wind leasing round. 2.9GW capacity.	Pre-application																			
Morwind Offshore Wind Farm	Morwind (https://morwind.co.uk/#mission)	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Capacity of 300MW. Floating site.	Pre-Application																			
Muir Mhòr Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Scotwind area awarded to Vattenfall as part of the ScotWind offshore wind leasing round. 798MW capacity.	Pre-application																			
Mull of Galloway Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Proposed offshore wind farm. Area of 3.6km ² .	Pre-application																			
Neart na Gaoithe Offshore Wind Farm	MMO	High – Data has been obtained from the developer’s website or a consenting	Area of 105km ² , capacity of 450MW. Located 15.5km from the Fife coast.	Under Construction																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
		authority's portal			Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
NEMOS prototype	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Wave prototype, 40 ton test rig.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Newport Tidal Lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	1,400MW and 1,800MW installed capacity. A tidal lagoon at Newport would harness the power of the Severn Estuary.	Pre-application													
Norfolk Boreas Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	1.4GW capacity. Area - 725km ² .	Permitted but not yet implemented	Blue	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Norfolk Vanguard East And West Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	1.8GW capacity. Area - 592km ² .	Permitted but not yet implemented	Blue	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Normandie Hydro	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Array of seven tidal turbines with a total capacity of 14MW.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
North Celtic Sea Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Up to 800MW planned capacity.	Pre-application														
North Channel Wind 1 Offshore Wind Farm	North Channel Wind	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Prospective floating offshore wind farm being investigated between 10-25km from the coast of Northern Ireland. Site area of approx. 38km ² area. Using Tension Leg platform. 5-7 wind turbines.	Pre-Application	Green	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
North Channel Wind 2 Offshore Wind Farm	North Channel Wind	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Prospective floating offshore wind farm being investigated between 10-25km from the coast of Northern Ireland. Site area of approx. 38km ² area. Using Tension Leg platform. 5-7 wind turbines.	Pre-Application	Green	Green	Green	Green	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
North Falls Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting	504MW capacity. Area - 150km ² . Greater Gabbard extension.	Pre-application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		authority's portal																
North Hoyle Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	60MW capacity. Area - 10km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow								
North Irish Sea Array Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Proposed offshore wind farm, 500MW capacity.	Pre-application														
Norther Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	44 wind turbines - maximum capacity of 370MW.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow		
Northwester 2 Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	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 11.7km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Northwind Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Offshore wind farm 38km off Belgium. 216MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
NWTE Project	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	North Wales Tidal Energy Project. Planning to build a world-leading integrated tidal energy impoundment and coastal protection system in North Wales.	Pre-application														
Ocean Quest	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	1MW tidal turbine.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Operation and maintenance activities at North Hoyle Offshore Wind Farm	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Applicant NWP Offshore Limited Marine Licence Number CML1465. The maintenance operations will take place throughout all assets of the wind farm and will include: Subsea ROV works, and heavy lifting operations.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow							

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Operation and maintenance activities at Rhyl Flats Offshore Wind Farm	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Operations and maintenance activities including high voltage maintenance work and heavy lift work.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White
Oran na Mara	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	1600MW capacity tidal energy project.	Pre-application	White	White	White	White	White	White	White	White	White	White	White	White	White	White
Oriel Windfarm Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	375MW capacity. Area - 28km ² .	Pre-application	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Ormonde Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	150MW capacity. Area - 8.7km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Ormonde Offshore Wind Farm - Scaffolding	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Cable repair activities at wind turbine B02.	Operational	Yellow	White	White	White	White	White	White	White	White	White	White	White	White	White

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Ormonde Offshore Wind Farm Export Cable Repair and Remediation	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	5 x cable repair events, with associated jacking-up; and 10 x cable remediation events (via jetting).	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow						
Ormonde Offshore Wind Farm O&M Marine Licence	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Ossian Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Scotwind area awarded to SSE renewables as part of the ScotWind offshore wind leasing round. 2.6GW capacity.	Pre-application														
Outer Dowsing Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Area of 499km ² , 1500MW capacity.	Pre-application														
Paimpol-Brehat	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s	Tidal demonstration site, two 2MW turbines.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		website or a consenting authority's portal																
Parc eolien pose au large de la Normandie (AO4)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Wind farm with a capacity of 1GW off the coast of Normandy.	Pre-application														
Perpetuus Tidal Energy Centre	The Crown Estate	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	30MW commercial tidal stream.	Permitted but not yet implemented														
Portland Bill	The Crown Estate	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Capacity of 30MW.	Pre-application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
QUB Tidal demonstration test site	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Two surface mounted mono-strut turbines, 1kW.	Operational																			
Race Bank Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	573MW capacity.	Operational																			
Rampion 2 (Rampion Extension) Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Up to 1200MW capacity. Area - 270km ² .	Pre-application																			
Rampion Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	400MW capacity. Area - 72km ² .	Operational																			
Rentel Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the	42 wind turbines, capacity of 309MW. Area - 22.72km ² .	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
		developer's website or a consenting authority's portal																					
Rhyl Flats Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	25 wind turbines, 90MW capacity.	Operational																			
Robin Rigg East Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Adjacent to Robin Rigg West, total capacity across the two projects of 174MW.	Operational																			
Robin Rigg Offshore Wind Farm Operational Marine Licence - Export Cable	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	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 200m 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 West Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Adjacent to Robin Rigg East, total capacity across the two projects of 174MW.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	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, Westermost Rough, and Gunfleet Sands)	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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: <ul style="list-style-type: none"> • Barrow; • Ormonde; • Lincs; • Westermost Rough; and • Gunfleet Sands. 	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
RWE Renewables Ireland Site Investigations FS007188 for the proposed Dublin Array Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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.	Submitted but not yet determined														
Saint-Brieuc Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	496MW. Construction on the project started in 2019, while commissioning is scheduled for 2023. 62 turbines. A 225kV offshore substation will also be placed on a jacket foundation in the middle of the wind farm.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Sceirde (Skerd) Rocks Offshore Wind Farm	4C Offshore	Low – There is a lack of robust data and information in	450MW. Concept early planning.	Pre-application														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
		the public domain which is outwith the Applicant's control																				
Scroby Sands Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	60MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow												
Sea Stacks Offshore Wind Farm	4C Offshore	Low – There is a lack of robust data and information in the public domain which is outwith the Applicant's control	Proposed offshore windfarm. Expected 800MW Capacity. Area - 160km ² . Off the coast of South Dublin and North Wicklow.	Pre-application																		
Seagreen Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Offshore Wind Project. 1.5GW capacity from 150 wind turbines.	Under Construction	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Seagreen 1A Offshore Wind Farm	Crown Estate Scotland	High – Data has been obtained from the developer's website or a consenting authority's portal	Connection of the remaining 36 consented turbines to Seagreen.	Permitted but not yet implemented	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																				
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055							
Seagreen Alpha and Bravo Offshore Wind Farms (Optimised Project)	Marine Scotland	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Improved designs for the Seagreen Alpha and Seagreen Bravo Offshore Wind Farms since Project Alpha and Project Bravo were consented in 2014.	Submitted but not yet determined																					
Seastar (Seamade) Offshore Wind Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Inaugurated in October 2021. 252MW capacity.	Operational																					
Severn Barrage	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The Severn Barrage is a proposed tidal power station to be built across the Bristol Channel. A total of 214 40MW turbines would be built into the barrage.	Pre-application																					
Shearwater One Offshore Wind Farm	Shearwater Energy	High – Data has been obtained from the developer’s website or a consenting authority’s portal	1,000MW site, Floating offshore wind, 70 x 15MW wind turbines.	Pre-Application																					

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Shelmalere Offshore Wind Farm	4C Offshore	Low – There is a lack of robust data and information in the public domain which is outwith the Applicant’s control	Expected to have a capacity of 1GW.	Pre-application	Green	Green	Green	Green	Green	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Sheringham Shoal Extension Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 generating capacity of 719MW.	Submitted but not yet determined	Green	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Sheringham Shoal Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	317 MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Simply Blue Emerald Offshore Wind Farm	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Offshore wind farm with a proposed capacity of up to 1GW.	Pre-application																	
Simply Blue Energy (Kinsale) Limited Ref No. FS007139	Irish Government	High – Data has been obtained from the developer’s website or a consenting	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	Submitted but not yet determined																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
		authority's portal	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.																		
Solway Firth-Venturi Enhanced Turbine Technology	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	100MW Capacity. The Solway Energy Gateway is a sustainable, renewable energy project to create an "electric bridge" across the Solway Firth.	Pre-application																	
Sound of Islay Tidal Energy Project	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	The proposed tidal array will have an installed capacity of up to 10MW. Sound of Islay, between the Isle of Jura and mainland Scotland. Gravity base foundations. The project has full consent, grid and an agreement for lease from the Crown Estate. Atlantis intended to build out the site in 2018, however at the time of writing there has been no further progress in development of the site.	Permitted but not yet implemented																	
South Pembrokeshire Demonstration Zone	EMODnet	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Area - 90km ² . It has the potential to support three wave energy arrays of up to 30MW generating capacity each.	Submitted but not yet determined																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																				
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055							
SSE Renewables Celtic Sea Ref No. FS006983 Celtic Sea (Coast Co. Wexford/Waterford)	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Geophysical, geotechnical, wind resource and metocean, topographic, environmental. Licence expected to start in 2019 but no licence issued.	Submitted but not yet determined																					
Strangford Lough	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Testing of a 3m wing tidal turbine.	Operational																					
Strangford Lough Array	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Commissioned 2008, 1.2MW capacity. Two 600kW tidal turbines.	Operational																					
Strumble Head tidal energy project	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Plans to install the first community owned and led tidal flow project in Wales.	Pre-application																					

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)														
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations FS007339	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Boreholes, CPT, vibrocores, floating lidar deployment, sediment dynamic measurements, beach trial pits.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow										
Teesside Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	62.1MW capacity. Area - 10km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow							
Thames at Chiswick	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Energy-generating technology, powered by the tidal Thames.	Pre-application															
Thanet Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	300MW capacity. Area - 13.5km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Thornbank OEF (C-Power (Zone B))	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s	325MW capacity. Area - 19.84km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow						

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)															
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055		
		website or a consenting authority's portal																		
Torr Head tidal site	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	100MW tidal energy array project. 4-6 turbines.	Operational																
Triton Knoll Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	857MW capacity.	Operational																
Walney 1 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer's website or a consenting authority's portal	183.6MW capacity. Area - 36.5km ² .	Operational																
Walney 1&2 Offshore Wind Farms O&M Marine Licence	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	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																

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Walney 2 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	183.6MW capacity. Area - 36.5km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White
Walney 2 Offshore Wind Farm, Composite Operational and Maintenance (O&M) Marine Licence Application	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 0.2km.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Walney Extension 3 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	330MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Walney Extension 4 Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	329MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Walney Extension pontoon/jetty dredging and disposal	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Walney Extension pontoon/jetty dredging and disposal	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White	White	White
Walney Offshore Wind Farm Operational Marine Licence - Inter Array Cable Repair	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	A maximum of 10 cable repairs or replacements over the remaining lifetime of the project.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	White	White	White	White	White
Walney Offshore Wind Farm Operational Marine Licence - Phase 1 Export Cable	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Walney Offshore Wind Farm Operational Marine Licence - Phase 2 Export Cable	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Walney Offshore Wind Farm, Composite Operational and Maintenance (O&M) Marine Licence Application	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 0.2km.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																				
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055							
Wave dragon project	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	4MW Wave dragon. Milford Haven.	Pre-application																					
Wave net Array	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Wave demonstrator project the Isle of Muck.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow																
WaveHub (Hayle)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	20MW capacity .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
WaveHub Gwave	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	9MW capacity.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
West Anglesey Demonstration Zone tidal site	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	35km ² area. The application was submitted in the autumn of 2019 consent was awarded in December 2021. 240MW capacity.	Permitted but not yet implemented																			
West Cumbrian Tidal Lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	A tidal power gateway and road link across Morecambe Bay and the Duddon Estuary. 130 tidal turbines.	Pre-application																			
West Islay Tidal Energy Farm	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	An offshore tidal generating station, known as the West Islay Tidal Energy Park, 6km off the south west coast of Islay, shall have a permitted generating capacity not exceeding 30MW.	Operational																			
West of Duddon Sands Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	389MW capacity.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
West of Duddon Sands Offshore Wind Farm O&M Marine Licence	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
West Somerset Tidal Lagoon	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Tidal lagoon and associated electricity generating infrastructure with a generating capacity of circa 2.8GW per annum. A continuous breakwater wall spanning from Culvercliff in Minehead to Lilstock.	Pre-application																	
Westermost Rough Offshore Wind Farm	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	210MW capacity. Area - 35km ² .	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Western Star Wave	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pre-commercial demonstration wave energy conversion project located 4-6km offshore Co. Clare, starting with 5MW of capacity.	Pre-application																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
WestWave Demonstration project	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The WestWave project is a “pre-commercial” or “demonstration” project of 5MW.	Pre-application																	
White Cross Offshore Wind Farm	WhiteCross	High – Data has been obtained from the developer’s website or a consenting authority’s portal	100MW site. Planned floating offshore wind farm off the coast of Pembrokeshire.	Pre-Application																	
Wyre Barrage	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	90MW/hr proposed capacity.	Pre-application																	

1.9 Offshore Cumulative Effects Matrix - Offshore 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: Screened in to assessment.
c	Potential cumulative impact exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics		
Aberdeen Offshore Wind Farm	391.2	415.7	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Alderney Race Tidal	442.5	407.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Application for Site Investigation Licence for Windfarm off Helvick Head	256.2	248.8	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Argyll Tidal Demonstrator Project	199.5	223.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Arklow Bank Phase 1 Offshore Wind Farm	156.1	150.9	d	d	d	d	d	d	d	a	d	d	d	d	d	d
Arklow Bank Wind Park Phase 2	146.7	142.8	d	d	d	c	c	d	d	d	d	d	d	d	d	c
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	d
Atlantic Marine Energy Test Site (AMETS) - test area B	401.6	409.1	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Awel y Môr Offshore Wind Farm	12.2	3.6	c	c	c	c	c	c	c	d	c	c	c	c	c	c
Bardsey Sound	104.4	89.4	d	d	f	e	d	d	d	d	d	d	d	d	d	d
Barrow Offshore Wind Farm	42.9	53.9	d	b	a	d	b	a	a	a	a	b	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 (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	Aviation and radar	Socio-economics
Barrow Offshore Wind Farm Export Cable Repair and Remediation	45.9	56.2	d	c	a	d	d	a	a	a	d	d	d	d
Barrow Offshore Wind Farm O&M Marine Licence	42.9	53.9	d	c	a	d	d	a	a	a	d	d	d	d
Beatrice Offshore Wind Farm LH0	483.4	510.9	d	d	d	d	d	d	d	d	d	d	d	d
Bellrock Offshore Wind Farm	405.3	517.4	d	d	d	d	d	d	d	d	d	d	d	d
Belwind phase 1 Offshore Wind Farm	488.7	469.6	d	d	d	d	d	d	d	d	d	d	d	d
Belwind phase 2 Offshore Wind Farm (Nobelwind) (Zone 1)	487.8	468.7	d	d	d	d	d	d	d	d	d	d	d	d
Belwind phase 2 Offshore Wind Farm (Nobelwind) (Zone 2)	491.4	472.1	d	d	d	d	d	d	d	d	d	d	d	d
Berwick Bank Firth of Forth Offshore Wind Farm	289.5	310.0	d	d	d	d	d	d	d	d	d	d	d	d
Blackwater Offshore Wind Farm	239.4	228.2	d	d	d	e	e	d	d	d	d	d	d	d
Blyth Demo Offshore Wind Farm Phase 1	216.8	230.0	d	d	d	d	d	d	d	d	d	d	d	d
Blyth Demo Offshore Wind Farm Phases 2&3	222.6	236.4	d	d	d	d	d	d	d	d	d	d	d	d
Borssele Kavel I Offshore Wind Farm	496.9	478.4	d	d	d	d	d	d	d	d	d	d	d	d
Borssele Kavel II Offshore Wind Farm	503.7	485.0	d	d	d	d	d	d	d	d	d	d	d	d
Borssele Kavel III Offshore Wind Farm	495.2	476.0	d	d	d	d	d	d	d	d	d	d	d	d
Borssele Kavel IV Offshore Wind Farm	484.4	465.5	d	d	d	d	d	d	d	d	d	d	d	d
Borssele Kavel V Offshore Wind Farm	499.8	481.0	d	d	d	d	d	d	d	d	d	d	d	d
bp and EnBW Round 4 Offshore Wind Farm Deep Geotechnical Survey	0.0	7.5	d	d	d	d	d	d	d	f	d	f	d	d
Braymore Point Offshore Wind Farm	114.1	119.3	d	d	d	e	e	d	d	d	d	d	d	d
Braymore Point site investigation Ref No. FS006973	114.1	119.3	d	d	d	d	d	d	d	d	d	d	d	d
Bridgwater Bay Tidal lagoon	263.7	228.7	d	d	d	d	d	d	d	d	d	d	d	d
Broadshore Offshore Wind Farm	492.1	423.2	d	d	d	d	d	d	d	d	d	d	d	d
Buchan Deep Demo Offshore Wind Farm	433.0	456.2	d	d	d	d	d	d	d	d	d	d	d	d
Burbo Bank Offshore Wind Farm	34.0	32.8	d	b	a	d	c	d	a	d	a	b	c	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
Burbo bank cable repair and remediation	29.0	9.4	d	c	a	d	d	d	a	d	d	b	d	d
Burbo Bank Extension Offshore Wind Farm	24.6	26.1	d	b	a	d	c	d	a	d	a	b	c	d
Burbo Bank Extension - Array cable repair and remediation activities	24.6	26.1	d	c	a	d	d	d	a	d	d	b	d	d
Burbo Bank Extension - Export cable repair and remediation activities	29.1	20.8	d	c	a	d	d	d	a	d	d	b	d	d
Burbo Bank Offshore Wind Farm - O&M Marine Licence for Export Cable Repair/Remediation Activities	34.0	32.8	d	c	a	d	d	d	a	d	d	b	d	d
Cailleach Offshore Wind Farm, Wicklow	141.8	137.8	d	d	d	e	e	d	d	d	d	d	d	d
Caledonia Offshore Wind Farm	470.7	497.1	d	d	d	d	d	d	d	d	d	d	d	d
CampionWind Offshore Wind Farm	441.5	460.0	d	d	d	d	d	d	d	d	d	d	d	d
Cardiff Bay Tidal Lagoon	242.2	207.1	d	d	d	e	d	d	d	d	d	d	d	d
Celtic One Offshore Wind Farm	306.7	299.6	d	d	d	e	e	d	d	d	d	d	d	d
Celtic Sea Array Offshore Wind Farm	238.9	231.4	d	d	d	d	d	d	d	d	d	d	d	d
Celtic Sea RWE Renewables	279.7	251.7	d	d	d	e	e	d	d	d	d	d	d	d
Celtic Two Offshore Wind Farm	327.7	319.6	d	d	d	e	e	d	d	d	d	d	d	d
Clarus Offshore Wind Farm	399.7	402.9	d	d	d	e	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	f	d	d	d	d	d	d	d	d
Clogher Head Offshore Wind Farm	123.0	129.3	d	d	d	e	e	d	e	d	d	d	d	d
Cluaran Deas Ear Offshore Wind Farm	375.8	398.0	d	d	d	d	d	d	d	d	d	d	d	d
Codling Wind Park Extension Offshore Wind Farm	127.1	124.9	d	d	d	e	e	d	d	d	d	d	d	d
Codling Wind Park Offshore Wind Farm	125.1	123.6	d	d	d	c	c	d	d	d	d	d	d	d
Codling Wind Park site investigation Ref No. FS007045	76.3	79.5	d	d	d	d	d	d	d	d	d	d	d	d
Colwyn Bay Tidal Lagoon	32.6	2.2	d	e	e	e	d	d	e	d	d	c	d	d
Connel	301.9	328.7	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 (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	Aviation and radar	Socio-economics
Cooley Point Offshore Wind Farm	118.0	124.4	d	d	d	e	d	d	d	d	d	d	d	d
Courseulles-sur-mer Offshore Wind Farm	505.3	485.5	d	d	d	d	d	d	d	d	d	d	d	d
Dieppe - Le Treport Offshore Wind Farm	503.8	474.3	d	d	d	d	d	d	d	d	d	d	d	d
Dogger Bank B Offshore Wind Farm (Sofia)	363.2	372.3	d	d	d	d	d	d	d	d	d	d	d	d
Dogger Bank C Offshore Wind Farm (Creyeke Beck)	433.5	442.5	d	d	d	d	d	d	d	d	d	d	d	d
Dogger Bank South Offshore Wind Farm (East)	364.4	371.9	d	d	d	d	d	d	d	d	d	d	d	d
Dogger Bank South Offshore Wind Farm (West)	338.1	346.9	d	d	d	d	d	d	d	d	d	d	d	d
Dogger Bank Teeside A Offshore Wind Farm	368.4	377.3	d	d	d	d	d	d	d	d	d	d	d	d
DONG Energy Burbo (UK) Ltd - Operational Marine Licence Inter Array Cable Repair	34.0	32.8	d	c	a	d	d	d	a	d	d	c	d	d
Draig y Môr Offshore Wind Farm	68.4	61.4	d	d	d	e	e	d	d	d	d	d	d	d
Dublin Array Offshore Wind Farm	126.1	129.0	d	d	d	c	c	d	e	d	d	d	d	d
Duddon Estuary Tidal Lagoon	59.1	74.7	d	d	e	e	d	d	d	d	d	d	d	d
Dudgeon Offshore Wind Farm	335.3	327.9	d	d	d	d	d	d	d	d	d	d	d	d
Dudgeon Extension Offshore Wind Farm	324.5	317.8	d	d	d	d	d	d	d	d	d	d	d	d
East Anglia ONE Offshore Wind Farm	438.6	422.9	d	d	d	d	d	d	d	d	d	d	d	d
East Anglia ONE NORTH Offshore Wind Farm	422.9	408.0	d	d	d	d	d	d	d	d	d	d	d	d
East Anglia THREE Offshore Wind Farm	442.2	430.8	d	d	d	d	d	d	d	d	d	d	d	d
East Anglia TWO Offshore Wind Farm	418.1	402.1	d	d	d	d	d	d	d	d	d	d	d	d
Endurance	292.5	297.3	d	d	d	d	d	d	d	d	d	d	d	d
Energy Methil Demonstration	262.9	289.0	d	d	d	d	d	d	d	d	d	d	d	d
Erebus Floating Wind Demo	258.9	240.2	d	d	d	c	c	d	d	d	d	d	d	d
FabTest, Falmouth Bay	394.0	365.1	d	d	d	d	d	d	d	d	d	d	d	d
Fair Head	201.6	224.4	d	d	d	d	d	d	d	d	d	d	d	d
Fair Head Phase 2	203.4	226.2	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 (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	Aviation and radar	Socio-economics	
Fall of Warness Tidal Test Site	591.0	618.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Fecamp Offshore Wind Farm	488.9	456.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Five Estuaries Offshore Wind Farm	430.9	412.3	d	d	d	d	d	d	d	d	d	d	d	d	d
FS007031 Statkraft North Irish Sea Array (NISA) Site Investigations	114.2	119.5	d	d	d	d	d	d	d	e	d	d	d	d	d
FS007048 Energia Site Investigation off Wexford Coast	147.8	141.3	d	d	d	d	d	d	d	d	d	d	d	d	d
FS007062 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
FS007081 DesignPro Cahiracon Quay Tidal Energy Testing	355.4	357.0	d	d	d	f	d	d	d	d	d	d	d	d	d
FS007134 ESB Wind Development Limited Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow	117.4	119.8	d	d	d	d	d	d	d	d	d	d	d	d	d
FS007136 ESB Wind Development Limited Site Investigations off Waterford and Cork Coasts - Helvick Head Offshore Wind	267.7	260.1	d	d	d	d	d	d	d	d	d	d	d	d	d
FS007138 ESB Celtic Offshore Wind - Site Investigations off Waterford and Cork	305.1	298.0	d	d	d	d	d	d	d	d	d	d	d	d	d
FS007151 Sunrise Wind Ltd., Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow (Applied Dec 2021)	115.6	118.6	d	d	d	d	d	d	d	e	d	d	d	d	d
FS007163 Wicklow Sea Wind Ltd., Site Investigations for the proposed Wicklow Project offshore wind farm, off County Wicklow	129.8	125.7	d	d	d	d	d	d	d	d	d	d	d	d	d
FS007261 Shelmalere Offshore Wind Farm - Site Investigations off Counties Wexford and Wicklow	164.6	160.4	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 (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	Aviation and radar	Socio-economics		
FS007283 Banba Wind Ltd., Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin (Applied Dec 2021)	124.7	125.2	d	d	d	d	d	d	d	e	d	d	d	d	d	d
FS007354 Kinsale Offshore Wind Ltd., Site Investigations for the proposed Kinsale Project offshore wind farm, off County Cork. (Applied Jan 2022)	363.8	357.0	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Fuinneamh Sceirde Teoranta - Site Investigations for the proposed Sceirde Rocks Offshore Wind Farm	387.5	391.1	d	d	d	f	d	d	d	d	d	d	d	d	d	d
Galloper Offshore Wind Farm	422.2	403.3	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Greater Gabbard Offshore Wind Farm	418.6	399.2	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Green Volt Offshore Wind Farm	487.5	509.2	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Greystones Offshore Wind Farm	110.7	112.1	d	d	d	e	e	d	d	d	d	d	d	d	d	d
Gunfleet Sands Demo Offshore Wind Farm	392.1	369.2	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Gunfleet Sands I Offshore Wind Farm	390.9	368.2	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Gunfleet Sands II Offshore Wind Farm	392.9	370.1	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Gwynt Glas Offshore Wind Farm	283.5	262.4	d	d	d	e	e	d	d	d	d	d	d	d	d	d
Gwynt y Môr Offshore Wind Farm	13.8	9.9	b	b	a	a	b	d	a	a	a	b	c	d	d	d
Harris Demonstration Zone	485.4	511.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Haven Offshore Array	268.9	290.5	d	d	d	e	e	d	d	d	d	d	d	d	d	d
Hibernian Wind Power. Ref No. FS006788 Kilmichael Point site investigation	159.6	154.3	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Hollandse Kust (West) Offshore Wind Farm	507.9	493.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Hollandse Kust D Offshore Wind Farm	497.8	485.7	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Hollandse Kust F Offshore Wind Farm	493.7	477.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Holyhead Deep- Phase 1	42.7	42.6	d	d	e	d	d	d	d	d	d	b	d	d	d	d
Holyhead Deep Project , Safety Zone Application	62.2	58.9	d	d	d	d	d	a	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 (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	Aviation and radar	Socio-economics	
Hornsea Project 1 Offshore Wind Farm	363.1	362.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Hornsea Project 2 Offshore Wind Farm	340.4	339.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Hornsea Project 3 Offshore Wind Farm	390.2	390.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Hornsea Project 4 Offshore Wind Farm	309.2	314.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Humber Gateway Offshore Wind Farm	261.2	258.7	d	d	d	d	d	d	d	d	d	d	d	d	d
Ijmuiden Ver Offshore Wind Farm	474.0	462.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Inch Cape Offshore Wind Farm	306.5	330.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Inis Eagla Marine Energy Park Ltd site investigations FS006859 (Co. Cork)	288.3	282.7	d	d	d	d	d	d	d	d	d	d	d	d	d
Inis Ealga Marine Energy Park	302.1	292.0	d	d	d	c	c	d	d	d	d	d	d	d	d
Inis Offshore Wind Munster	384.0	387.1	d	d	d	e	d	d	d	d	d	d	d	d	d
Inner Dowsing Offshore Wind Farm	278.2	269.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Innogy Ref No. FS007029 Dublin Array site investigation	126.1	129.0	d	d	d	d	d	d	d	e	d	d	d	d	d
Irish Sea North Met mast and Geotechnical survey	31.0	58.5	d	f	f	f	d	d	d	f	d	d	d	d	d
Isle of Islay	256.2	279.5	d	d	d	e	d	d	d	d	d	d	d	d	d
Isle of Man Offshore Wind Farm lease area	32.4	59.9	e	e	e	e	e	d	e	d	e	e	d	d	d
Kentish Flats Extension Offshore Wind Farm	399.8	375.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Kentish Flats Offshore Wind Farm	400.8	376.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Kilmichael Point Offshore Wind Farm	159.6	154.3	d	d	d	e	e	d	d	d	d	d	d	d	d
Kincardine Offshore Wind Farm	372.1	395.6	d	d	d	d	d	d	d	d	d	d	d	d	d
Latitude 52 Array Offshore Wind Farm	128.0	124.7	d	d	d	e	e	d	d	d	d	d	d	d	d
Lincs Offshore Wind Farm	279.4	270.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Llyr 1 Offshore Wind Farm	267.0	246.0	d	d	d	c	c	d	d	d	d	d	d	d	d
Llyr 2 Offshore Wind Farm	263.2	240.1	d	d	d	c	c	d	d	d	d	d	d	d	d
Llywelyn Offshore Wind Farm	290.2	269.4	d	d	d	e	e	d	d	d	d	d	d	d	d
Loch Garman Offshore Wind Farm	170.6	163.3	d	d	d	f	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 (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	Aviation and radar	Socio-economics
London Array Offshore Wind Farm	409.4	386.7	d	d	d	d	d	d	d	d	d	d	d	d
Lynn Offshore Wind Farm	279.5	269.5	d	d	d	d	d	d	d	d	d	d	d	d
Machair Wind	276.8	300.2	d	d	d	f	e	d	d	d	d	d	d	d
Mainstream Renewable Power Ltd - Site Investigations off Tralee FS007375	374.8	376.3	d	d	d	d	d	d	d	d	d	d	d	d
Mainstream, Renewable Power Ltd- Site Investigations off Co, Dublin FS007373	106.5	110.3	d	d	d	d	d	d	d	d	d	d	d	d
MarramWind	276.8	300.2	d	d	d	d	d	d	d	d	d	d	d	d
Merlin Offshore Wind Farm	343.6	317.8	d	d	d	e	e	d	d	d	d	d	d	d
Mermaid wave	483.8	464.6	d	d	d	d	d	d	d	d	d	d	d	d
Mersey Tidal Power	55.4	42.5	d	e	e	d	d	d	e	d	d	d	d	d
META Phase 2 demonstration zones	221.3	197.3	d	d	d	d	d	d	d	d	d	d	d	d
Moray Offshore Wind Farm (East)	472.8	500.3	d	d	d	d	d	d	d	d	d	d	d	d
Moray Offshore Wind Farm (West)	432.6	459.5	d	d	d	d	d	d	d	d	d	d	d	d
Morecambe Bay Tidal Lagoon	61.8	71.8	d	d	e	d	d	e	d	d	d	d	d	d
Morecambe Offshore Windfarm Generation Assets	8.9	21.5	c	c	c	c	c	c	c	d	c	c	c	c
Morgan and Morecambe Offshore Windfarms Transmission Assets	8.9	21.5	c	c	c	c	c	c	c	c	c	d	c	c
Morgan Offshore Wind Project Generation Assets	5.5	32.9	c	c	c	c	c	c	c	d	c	c	c	c
Morven Offshore Wind Farm	354.1	372.4	d	d	d	d	d	d	d	d	d	d	d	d
Morwind Offshore Wind Farm	325.5	298.5	d	d	d	e	e	d	d	d	d	d	d	d
Muir Mhòr Offshore Wind Farm	443.9	464.9	d	d	d	d	d	d	d	d	d	d	d	d
Mull of Galloway Offshore Wind Farm	100.8	125.9	d	d	d	e	d	d	d	d	d	d	d	d
Neart na Gaoithe Offshore Wind Farm	284.0	307.1	d	d	d	d	d	d	d	d	d	d	d	d
NEMOS prototype	514.9	493.2	d	d	d	d	d	d	d	d	d	d	d	d
Newport Tidal Lagoon	238.1	203.1	d	d	d	d	d	d	d	d	d	d	d	d
Norfolk Boreas Offshore Wind Farm	434.6	425.9	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 (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	Aviation and radar	Socio-economics	
Norfolk Vanguard East And West Offshore Wind Farm	407.8	397.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Normandie Hydro	446.1	411.2	d	d	d	d	d	d	d	d	d	d	d	d	d
North Celtic Sea Offshore Wind Farm	256.2	248.8	d	d	d	e	e	d	d	d	d	d	d	d	d
North Channel Wind 1 Offshore Wind Farm	157.3	180.9	d	d	d	e	e	d	d	d	d	d	d	d	d
North Channel Wind 2 Offshore Wind Farm	128.5	151.5	d	d	d	e	e	d	d	d	d	d	d	d	d
North Falls Offshore Wind Farm	416.2	397.0	d	d	d	d	d	d	d	d	d	d	d	d	d
North Hoyle Offshore Wind Farm	24.7	13.6	b	c	a	d	b	d	a	d	a	b	d	d	d
North Irish Sea Array Offshore Wind Farm	112.7	118.6	d	d	d	c	c	d	d	d	d	d	d	d	d
Norther Offshore Wind Farm	506.9	486.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Northwester 2 Offshore Wind Farm	484.3	464.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Northwind Offshore Wind Farm	497.3	477.6	d	d	d	d	d	d	d	d	d	d	d	d	d
NWTE Project	31.1	0.0	d	e	e	e	d	d	e	d	d	c	d	d	d
Ocean Quest	521.3	486.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Operation and maintenance activities at North Hoyle Offshore Wind Farm	24.7	13.6	d	c	a	d	d	d	a	d	d	c	d	d	d
Operation and maintenance activities at Rhyl Flats Offshore Wind Farm	22.5	3.8	d	c	a	d	d	d	a	d	d	c	d	d	d
Oran na Mara	259.4	284.4	d	d	d	e	d	d	d	d	d	d	d	d	d
Oriel Windfarm Offshore Wind Farm	130.4	138.1	d	d	d	c	c	d	e	d	d	d	d	d	d
Ormonde Offshore Wind Farm	41.2	58.0	d	c	a	d	c	d	a	d	a	b	c	d	d
Ormonde Offshore Wind Farm - Scaffolding	42.0	58.5	d	f	f	f	d	d	a	d	a	c	d	d	d
Ormonde Offshore Wind Farm Export Cable Repair and Remediation	43.1	56.9	d	c	a	d	d	d	a	d	d	c	d	d	d
Ormonde Offshore Wind Farm O&M Marine Licence	41.2	58.0	d	c	a	d	d	d	a	d	a	d	d	d	d
Ossian Offshore Wind Farm	372.1	389.6	d	d	d	d	d	d	d	d	d	d	d	d	d
Outer Dowsing Offshore Wind Farm	311.3	306.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Paimpol-Brehat	528.5	493.6	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 (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	Aviation and radar	Socio-economics	
Parc eolien pose au large de la Normandie (AO4)	451.9	417.9	d	d	d	e	d	d	d	d	d	d	d	d	d
Perpetuus Tidal Energy Centre	377.1	343.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Portland Bill	356.2	321.2	d	d	d	d	d	d	d	d	d	d	d	d	d
QUB Tidal demonstration test site	115.3	133.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Race Bank Offshore Wind Farm	298.5	291.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Rampion 2 (Rampion Extension) Offshore Wind Farm	390.5	358.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Rampion Offshore Wind Farm	396.7	365.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Rentel	499.6	479.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Rhyl Flats Offshore Wind Farm	23.3	3.8	b	b	a	d	b	d	a	d	a	b	c	d	d
Robin Rigg East Offshore Wind Farm	98.6	126.0	d	d	a	d	c	d	d	d	a	d	c	d	d
Robin Rigg Offshore Wind Farm Operational Marine Licence - Export Cable	95.7	121.4	d	d	a	d	d	d	a	d	d	d	d	d	d
Robin Rigg West Offshore Wind Farm	98.6	126.0	d	d	a	d	c	d	d	d	a	d	d	d	d
Routine operational and maintenance activities at five Offshore Substations (Barrow, Ormonde, Lincs, Westermost Rough, and Gunfleet Sands)	44.8	54.0	d	c	a	d	d	d	a	d	d	c	d	d	d
RWE Renewables Ireland Site Investigations FS007188 for the proposed Dublin Array Offshore Wind Farm	126.1	129.0	d	d	d	d	d	d	d	e	d	d	d	d	d
Saint-Brieuc Offshore Wind Farm	523.9	488.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Sceirde (Skerd) Rocks Offshore Wind Farm	391.7	395.3	d	d	d	e	d	d	d	d	d	d	d	d	d
Scroby Sands Offshore Wind Farm	381.2	367.6	d	d	d	d	d	d	d	d	d	d	d	d	d
Sea Stacks Offshore Wind Farm	110.0	112.0	d	d	d	e	e	d	e	d	d	d	d	d	d
Seagreen Offshore Wind Farm	322.9	345.6	d	d	d	d	d	d	d	d	d	d	d	d	d
Seagreen 1A Offshore Wind Farm	242.6	268.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Seagreen Alpha and Bravo Offshore Wind Farms (Optimised Project)	322.9	345.6	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 (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	Aviation and radar	Socio-economics
Seastar (Seamade) Offshore Wind Farm	493.9	474.2	d	d	d	d	d	d	d	d	d	d	d	d
Severn Barrage	247.7	213.9	d	d	d	e	d	d	d	d	d	d	d	d
Shearwater One Offshore Wind Farm	266.4	288.3	d	d	d	f	e	d	d	d	d	d	d	d
Shelmalere Offshore Wind Farm	177.1	168.9	d	d	d	c	e	d	d	d	d	d	d	d
Sheringham Shoal Extension Offshore Wind Farm	318.4	309.4	d	d	d	d	d	d	d	d	d	d	d	d
Sheringham Shoal Offshore Wind Farm	321.5	312.5	d	d	d	d	d	d	d	d	d	d	d	d
Simply Blue Emerald Offshore Wind Farm	338.7	331.3	d	d	d	e	e	d	d	d	d	d	d	d
Simply Blue Energy (Kinsale) Limited Ref No. FS007139	338.7	331.3	d	d	d	d	d	d	d	d	d	d	d	d
Solway Firth- Venturi Enhanced Turbine Technology	131.9	156.0	d	d	d	e	d	d	d	d	d	d	d	d
Sound of Islay Tidal Energy Project	257.5	282.5	d	d	d	d	d	d	d	d	d	d	d	d
South Pembrokeshire Demonstration Zone	246.0	221.7	d	d	d	f	d	d	d	d	d	d	d	d
SSE Renewables Celtic Sea Ref No. FS006983 Celtic Sea (Coast Co. Wexford/Waterford)	238.9	231.4	d	d	d	d	d	d	d	d	d	d	d	d
Strangford Lough	114.2	131.8	d	d	d	d	d	d	d	d	d	d	d	d
Strangford Lough Array	113.8	131.5	d	d	d	d	d	d	d	d	d	d	d	d
Strumble Head tidal energy project	189.5	168.7	d	d	d	e	d	d	d	d	d	d	d	d
Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations FS007339	146.7	142.8	d	d	d	d	d	d	d	d	d	d	d	d
Teesside Offshore Wind Farm	201.2	211.0	d	d	d	d	d	d	d	d	d	d	d	d
Thames at Chiswick	332.4	304.1	d	d	d	d	d	d	d	d	d	d	d	d
Thanet Offshore Wind Farm	431.2	407.7	d	d	d	d	d	d	d	d	d	d	d	d
Thornbank OEF (C-Power (Zone B))	501.8	481.9	d	d	d	d	d	d	d	d	d	d	d	d
Torr Head tidal site	197.1	219.9	d	d	d	d	d	d	d	d	d	d	d	d
Triton Knoll Offshore Wind Farm	291.4	286.1	d	d	d	d	d	d	d	d	d	d	d	d
Walney 1 Offshore Wind Farm	32.8	49.6	d	b	a	d	d	d	a	d	a	b	c	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
Walney 1&2 Offshore Wind Farms O&M Marine Licence	31.0	49.6	d	c	a	d	d	d	a	d	a	d	d	d
Walney 2 Offshore Wind Farm	31.0	51.5	d	b	a	d	d	d	a	d	a	b	c	d
Walney 2 Offshore Wind Farm, Composite Operational and Maintenance (O&M) Marine Licence Application	35.6	52.5	d	c	a	d	d	d	a	d	d	b	c	d
Walney Extension 3 Offshore Wind Farm	27.3	53.6	d	b	a	d	d	d	a	d	a	b	c	d
Walney Extension 4 Offshore Wind Farm	27.2	47.8	d	b	a	d	d	d	a	d	a	b	c	d
Walney Extension pontoon/jetty dredging and disposal	45.3	55.3	d	c	a	d	d	d	a	d	d	a	d	d
Walney Extension pontoon/jetty dredging and disposal	54.2	67.1	d	d	a	d	d	d	a	d	d	d	d	d
Walney Offshore Wind Farm Operational Marine Licence - Inter Array Cable Repair	32.8	49.6	d	c	a	d	d	d	a	d	d	c	d	d
Walney Offshore Wind Farm Operational Marine Licence - Phase 1 Export Cable	36.3	53.6	d	c	a	d	d	d	a	d	d	c	d	d
Walney Offshore Wind Farm Operational Marine Licence - Phase 2 Export Cable	35.6	52.5	d	c	a	d	d	d	a	d	d	c	d	d
Walney Offshore Wind Farm, Composite Operational and Maintenance (O&M) Marine Licence Application	36.3	53.6	d	c	a	d	d	d	a	d	d	c	d	d
Wave dragon project	231.6	211.2	d	d	d	e	d	d	d	d	d	d	d	d
Wave net Array	358.4	384.6	d	d	d	d	d	d	d	d	d	d	d	d
WaveHub (Hayle)	375.7	350.9	d	d	d	d	d	d	d	d	d	d	d	d
WaveHub Gwave	382.0	356.6	d	d	d	d	d	d	d	d	d	d	d	d
West Anglesey Demonstration Zone tidal site	53.7	50.6	d	d	f	c	d	c	d	d	d	d	d	d
West Cumbrian Tidal Lagoon	95.8	122.2	d	d	e	e	d	d	e	d	d	d	d	d
West Islay Tidal Energy Farm	260.3	283.5	d	d	d	d	d	d	d	d	d	d	d	d
West of Duddon Sands Offshore Wind Farm	30.4	43.9	d	b	a	d	d	a	a	d	a	b	d	d
West of Duddon Sands Offshore Wind Farm O&M Marine Licence	30.4	43.9	d	c	a	d	d	a	a	d	a	d	d	d

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
West Somerset Tidal Lagoon	265.9	231.0	d	d	d	e	d	d	d	d	d	d	d	d
Westermost Rough Offshore Wind Farm	250.6	250.8	d	d	d	d	d	d	d	d	d	d	d	d
Western Star Wave	374.3	377.6	d	d	d	e	d	d	d	d	d	d	d	d
WestWave Demonstration project	392.5	395.4	d	d	d	e	d	d	d	d	d	d	d	d
White Cross Offshore Wind Farm	287.7	264.1	d	d	d	c	c	d	d	d	d	d	d	d
Wyre Barrage	54.4	64.0	d	d	f	f	d	d	e	d	d	d	d	d

MONA OFFSHORE WIND PROJECT

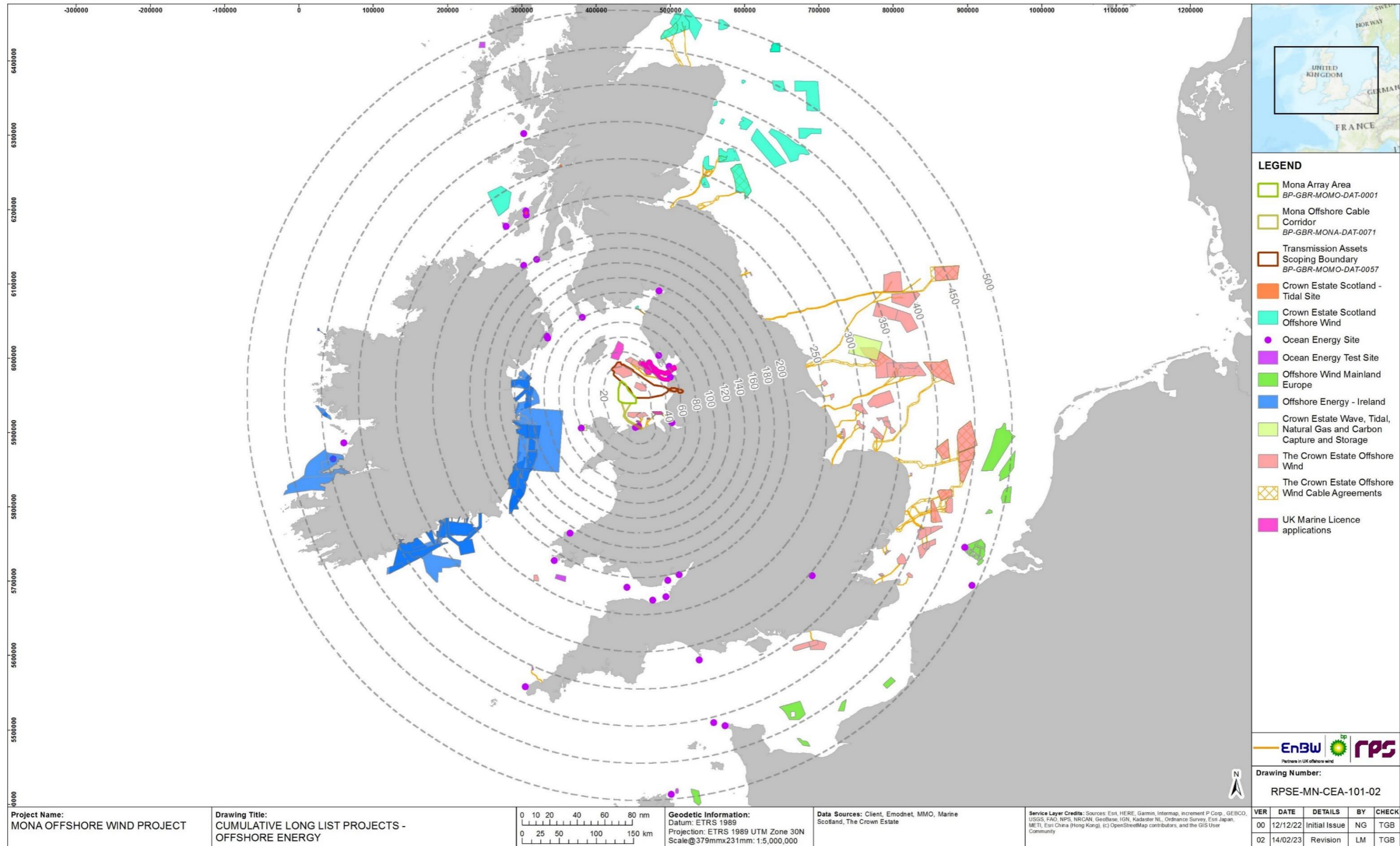


Figure 1.3: Offshore energy projects, plans and activities considered in the Mona Offshore Wind Project CEA.¹

¹ The Awel y Môr agreement for lease area extends further to the west than the application boundary presented, however Awel y Môr Offshore Wind Farm Ltd. have decided to develop in the area presented.

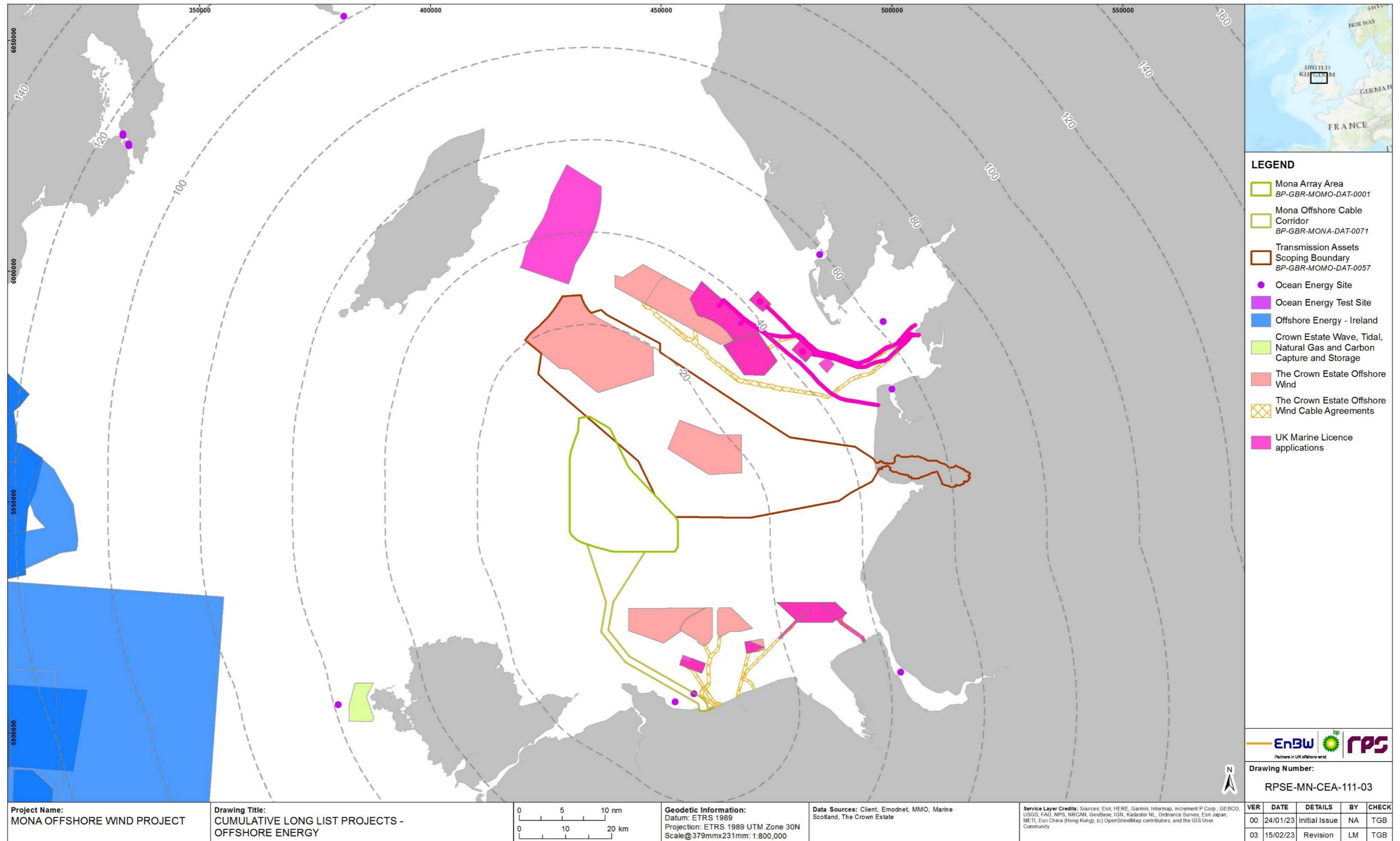


Figure 1.4: Offshore energy projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.10 Offshore Cumulative Effects Matrix - Commercial Fisheries - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

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

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Anglesey - Inland Sea	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Mussels.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Anglesey - Red Wharf Bay	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Cockles.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Burry Inlet	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Mussels.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Conwy	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Mussels.	Operational	Yellow	White	White	White	White	White	White	White	White	White	White	White	White	White
Dee	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Mussels, Ensis spp, N Oysters, Tapes spp, Cockles, S Solida, M.Varia.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
IE_1050	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Ireland aquaculture site.	Operational																	
IE_1094	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Ireland aquaculture site.	Operational																	
Liverpool Bay - Wirral	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627.	Operational																	
Lune	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627.	Operational																	
Menai Straits - West	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Mussels.	Operational																	
Mersey	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Classified as bivalve Mollusc Production areas under Regulation (EU) 854/2004.	Operational																	
Morecambe Bay	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas.	Operational																	
Morecambe Bay - Roosebeck	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
Morecambe Roosebeck	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas.	Operational																		
Ribble	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627.	Operational																		
Silloth	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Shellfishery: Mussels, Cockles, and Pacific Oyster classification zones.	Operational																		
Swansea	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Mussels.	Operational																		
T01/004 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		
T01/008A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		
T01/009 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Carlingford Lough aquaculture site.	Operational																		
T01/012 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Carlingford Lough aquaculture site.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
T01/018A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster, Manila Clam.	Operational																	
T01/018B (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster, Manila Clam.	Operational																	
T01/019 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																	
T01/020 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																	
T01/021 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																	
T01/023A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																	
T01/024 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																	
T01/025A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
T01/025C (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		
T01/026A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		
T01/029B (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																		
T01/043A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Carlingford Lough aquaculture site.	Operational																		
T01/043B (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster, Manila Clam.	Operational																		
T01/043C (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Carlingford Lough aquaculture site.	Operational																		
T01/044A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		
T01/044B (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
T01/050C (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																			
T01/056D1 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Ireland aquaculture site.	Operational																			
T01/059A1 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Carlingford Lough aquaculture site.	Operational																			
T01/060A1 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																			
T01/061A1(Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																			
T01/064 (Knockbridge)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Sea Trout, Atlantic Salmon.	Operational																			
T01/066A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																			
T01/070A1 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
T01/071A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																		
T01/072B1 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																		
T01/074A2 (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Carlingford Lough aquaculture site.	Operational																		
T01/102A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		
T01/105A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																		
T01/120A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Ireland aquaculture site.	Operational																		
T01/121A (Carlingford Lough)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Pacific Oyster.	Operational																		
T29/002 (Rathvilly)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	England Aquaculture site.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
T32/003 (Annamoe)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	England Aquaculture site.	Operational																			
T32/004 (Coatsbridge, Woodenbridge)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Rainbow Trout.	Operational																			
T32/005 (Coatsbridge, Woodenbridge)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Rainbow Trout.	Operational																			
T32/012 (Aughrim)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Rainbow Trout.	Operational																			
T32/027A (Clogga Bay)	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Blue Mussel.	Operational																			
Three Rivers	CEFAS	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Cockles.	Operational																			
UK_0008	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	England Aquaculture site.	Operational																			
UK_0011	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	England Aquaculture site.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
UK_0012	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	England Aquaculture site.	Operational																	
UK_0014	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Welsh aquaculture site.	Operational																	
UK_0015	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Welsh aquaculture site.	Operational																	
UK_0016	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Welsh aquaculture site.	Operational																	
UK_0020	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Welsh aquaculture site.	Operational																	
UK_0023	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Welsh aquaculture site.	Operational																	
UK_0030	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	England Aquaculture site.	Operational																	
UK_0032	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	England Aquaculture site.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
UK_0038	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Welsh aquaculture site.	Operational																	
UK_0160	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Scotland aquaculture site.	Operational																	
UK_0236	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Oysters, Pacific cupped oyster - Crassostrea gigas. Production method: Trestles or Trays.	Operational																	
UK_0273	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Oysters: European Flat Oyster - Ostrea eduli. Production: Beds.	Operational																	
UK_0740	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Freshwater Aquaculture: Trout and Salmon. Production: Egg, Fry and Fingerling. Production level: 4 Million fish annually.	Operational																	
UK_0766	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Freshwater Aquaculture: Trout and Salmon. Production: Egg, Fry and Fingerling. Production level: 4 Million fish annually.	Operational																	
UK_0767	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Production: Sea Trout, Trout, Smelts, Grow out for human consumption.	Operational																	
UK_0791	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Production: Atlantic Salmon (Various Stages), European Smelt (Various Stages), Brown Trout and Sea Trout.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
UK_0797	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Trout Aquaculture.	Operational																	
UK_0801	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Trout farm based: supplying rainbow trout.	Operational																	
UK_0802	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Atlantic Salmon Breeding Centre.	Operational																	
UK_0810	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Brood Stock, Hatchery in Ponds: Salmons, Trout, Smelts.	Operational																	
UK_0889	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Brood Stock, Hatchery in Ponds: Salmons, Trout, Smelts.	Operational																	
UK_0892	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Brood Stock, Hatchery in Ponds: Salmons, Trout, Smelts.	Operational																	
UK_0921	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Atlantic Salmon, Salmons, Trout, Smelts. Grow out for human consumption.	Operational																	
UK_0931	EMODnet	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Sea Trout, Salmons, Trout, Smelts. Grow out for human consumption.	Operational																	

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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics	
Anglesey - Inland Sea	50.1	44.3	d	a	a	d	d	a	d	d	d	d	d	d	d
Anglesey - Red Wharf Bay	34.0	18.1	d	a	a	d	d	a	d	d	d	d	d	d	d
Burry Inlet	213.8	182.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Conwy	32.2	6.4	d	a	a	d	d	a	d	d	d	d	d	d	d
Dee	39.4	22.1	d	a	a	d	d	a	d	d	d	d	d	d	d
IE_1050	137.2	146.1	d	d	d	d	d	d	d	d	d	d	d	d	d
IE_1094	142.3	151.6	d	d	d	d	d	d	d	d	d	d	d	d	d
Liverpool Bay - Wirral	42.0	33.0	d	a	a	d	d	d	d	d	d	d	d	d	d
Lune	54.8	64.5	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 (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	Aviation and radar	Socio-economics
Menai Straits - West	50.8	33.4	d	a	a	d	d	a	d	d	d	d	d	d
Mersey	47.3	40.6	d	a	a	d	d	d	d	d	d	d	d	d
Morecambe Bay	64.2	74.3	d	d	d	d	d	d	d	d	d	d	d	d
Morecambe Bay - Roosebeck	57.6	68.2	d	d	d	d	d	d	d	d	d	d	d	d
Morecambe Roosebeck	54.2	64.3	d	d	d	d	d	d	d	d	d	d	d	d
Ribble	42.6	51.0	d	a	a	d	d	d	d	d	d	d	d	d
Silloth	109.4	134.7	d	d	d	d	d	d	d	d	d	d	d	d
Swansea	220.3	187.0	d	d	d	d	d	d	d	d	d	d	d	d
T01/004 (Carlingford Lough)	141.8	151.0	d	d	d	d	d	d	d	d	d	d	d	d
T01/008A (Carlingford Lough)	141.2	150.4	d	d	d	d	d	d	d	d	d	d	d	d
T01/009 (Carlingford Lough)	141.9	151.1	d	d	d	d	d	d	d	d	d	d	d	d
T01/012 (Carlingford Lough)	142.0	151.2	d	d	d	d	d	d	d	d	d	d	d	d
T01/018A (Carlingford Lough)	138.0	146.9	d	d	d	d	d	d	d	d	d	d	d	d
T01/018B (Carlingford Lough)	138.4	147.5	d	d	d	d	d	d	d	d	d	d	d	d
T01/019 (Carlingford Lough)	140.3	149.5	d	d	d	d	d	d	d	d	d	d	d	d
T01/020 (Carlingford Lough)	140.2	149.3	d	d	d	d	d	d	d	d	d	d	d	d
T01/021 (Carlingford Lough)	138.2	147.3	d	d	d	d	d	d	d	d	d	d	d	d
T01/023A (Carlingford Lough)	141.5	150.7	d	d	d	d	d	d	d	d	d	d	d	d
T01/024 (Carlingford Lough)	140.5	149.7	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 (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	Aviation and radar	Socio-economics
T01/025A (Carlingford Lough)	140.0	149.1	d	d	d	d	d	d	d	d	d	d	d	d
T01/025C (Carlingford Lough)	137.7	146.6	d	d	d	d	d	d	d	d	d	d	d	d
T01/026A (Carlingford Lough)	139.5	148.6	d	d	d	d	d	d	d	d	d	d	d	d
T01/029B (Carlingford Lough)	145.8	155.2	d	d	d	d	d	d	d	d	d	d	d	d
T01/043A (Carlingford Lough)	139.9	149.0	d	d	d	d	d	d	d	d	d	d	d	d
T01/043B (Carlingford Lough)	140.8	149.9	d	d	d	d	d	d	d	d	d	d	d	d
T01/043C (Carlingford Lough)	140.1	149.2	d	d	d	d	d	d	d	d	d	d	d	d
T01/044A (Carlingford Lough)	139.8	148.9	d	d	d	d	d	d	d	d	d	d	d	d
T01/044B (Carlingford Lough)	140.9	150.1	d	d	d	d	d	d	d	d	d	d	d	d
T01/050C (Carlingford Lough)	145.6	155.0	d	d	d	d	d	d	d	d	d	d	d	d
T01/056D1 (Carlingford Lough)	144.4	153.9	d	d	d	d	d	d	d	d	d	d	d	d
T01/059A1 (Carlingford Lough)	140.3	149.5	d	d	d	d	d	d	d	d	d	d	d	d
T01/060A1 (Carlingford Lough)	140.2	149.4	d	d	d	d	d	d	d	d	d	d	d	d
T01/061A1(Carlingford Lough)	147.1	156.6	d	d	d	d	d	d	d	d	d	d	d	d
T01/064 (Knockbridge)	158.9	166.5	d	d	d	d	d	d	d	d	d	d	d	d
T01/066A (Carlingford Lough)	146.2	155.7	d	d	d	d	d	d	d	d	d	d	d	d
T01/070A1 (Carlingford Lough)	146.7	156.3	d	d	d	d	d	d	d	d	d	d	d	d
T01/071A (Carlingford Lough)	142.5	151.7	d	d	d	d	d	d	d	d	d	d	d	d
T01/072B1 (Carlingford Lough)	141.7	150.9	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 (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	Aviation and radar	Socio-economics
T01/074A2 (Carlingford Lough)	146.4	156.0	d	d	d	d	d	d	d	d	d	d	d	d
T01/102A (Carlingford Lough)	138.0	146.9	d	d	d	d	d	d	d	d	d	d	d	d
T01/105A (Carlingford Lough)	143.4	152.7	d	d	d	d	d	d	d	d	d	d	d	d
T01/120A (Carlingford Lough)	140.7	149.8	d	d	d	d	d	d	d	d	d	d	d	d
T01/121A (Carlingford Lough)	138.5	147.5	d	d	d	d	d	d	d	d	d	d	d	d
T29/002 (Rathvilly)	194.3	193.2	d	d	d	d	d	d	d	d	d	d	d	d
T32/003 (Annamoe)	160.9	160.3	d	d	d	d	d	d	d	d	d	d	d	d
T32/004 (Coatsbridge, Woodenbridge)	173.0	170.0	d	d	d	d	d	d	d	d	d	d	d	d
T32/005 (Coatsbridge, Woodenbridge)	171.2	167.8	d	d	d	d	d	d	d	d	d	d	d	d
T32/012 (Aughrim)	174.6	171.8	d	d	d	d	d	d	d	d	d	d	d	d
T32/027A (Clogga Bay)	170.1	165.2	d	d	d	d	d	d	d	d	d	d	d	d
Three Rivers	206.2	177.0	d	d	d	d	d	d	d	d	d	d	d	d
UK_0008	108.9	134.2	d	d	d	d	d	d	d	d	d	d	d	d
UK_0011	66.4	87.7	d	d	d	d	d	d	d	d	d	d	d	d
UK_0012	54.7	68.9	d	d	d	d	d	d	d	d	d	d	d	d
UK_0014	50.7	44.9	d	e	e	d	d	a	d	d	d	d	d	d
UK_0015	224.2	191.4	d	d	d	d	d	d	d	d	d	d	d	d
UK_0016	42.1	23.2	d	e	e	d	d	a	d	d	d	d	d	d
UK_0020	53.2	36.6	d	e	e	d	d	a	d	d	d	d	d	d

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
UK_0023	220.8	187.6	d	d	d	d	d	d	d	d	d	d	d	d
UK_0030	59.3	69.6	d	d	d	d	d	d	d	d	d	d	d	d
UK_0032	54.2	64.8	d	d	d	d	d	d	d	d	d	d	d	d
UK_0038	52.3	35.1	d	e	e	d	d	a	d	d	d	d	d	d
UK_0160	197.1	223.6	d	d	d	d	d	d	d	d	d	d	d	d
UK_0236	199.8	225.0	d	d	d	d	d	d	d	d	d	d	d	d
UK_0273	137.7	163.1	d	d	d	d	d	d	d	d	d	d	d	d
UK_0740	149.4	176.7	d	d	d	d	d	d	d	d	d	d	d	d
UK_0766	147.8	174.7	d	d	d	d	d	d	d	d	d	d	d	d
UK_0767	174.9	202.0	d	d	d	d	d	d	d	d	d	d	d	d
UK_0791	116.4	143.4	d	d	d	d	d	d	d	d	d	d	d	d
UK_0797	148.5	176.1	d	d	d	d	d	d	d	d	d	d	d	d
UK_0801	162.2	185.4	d	d	d	d	d	d	d	d	d	d	d	d
UK_0802	138.8	166.1	d	d	d	d	d	d	d	d	d	d	d	d
UK_0810	139.1	166.6	d	d	d	d	d	d	d	d	d	d	d	d
UK_0889	171.3	197.6	d	d	d	d	d	d	d	d	d	d	d	d
UK_0892	170.5	196.8	d	d	d	d	d	d	d	d	d	d	d	d
UK_0921	116.4	143.4	d	d	d	d	d	d	d	d	d	d	d	d
UK_0931	197.9	222.5	d	d	d	d	d	d	d	d	d	d	d	d

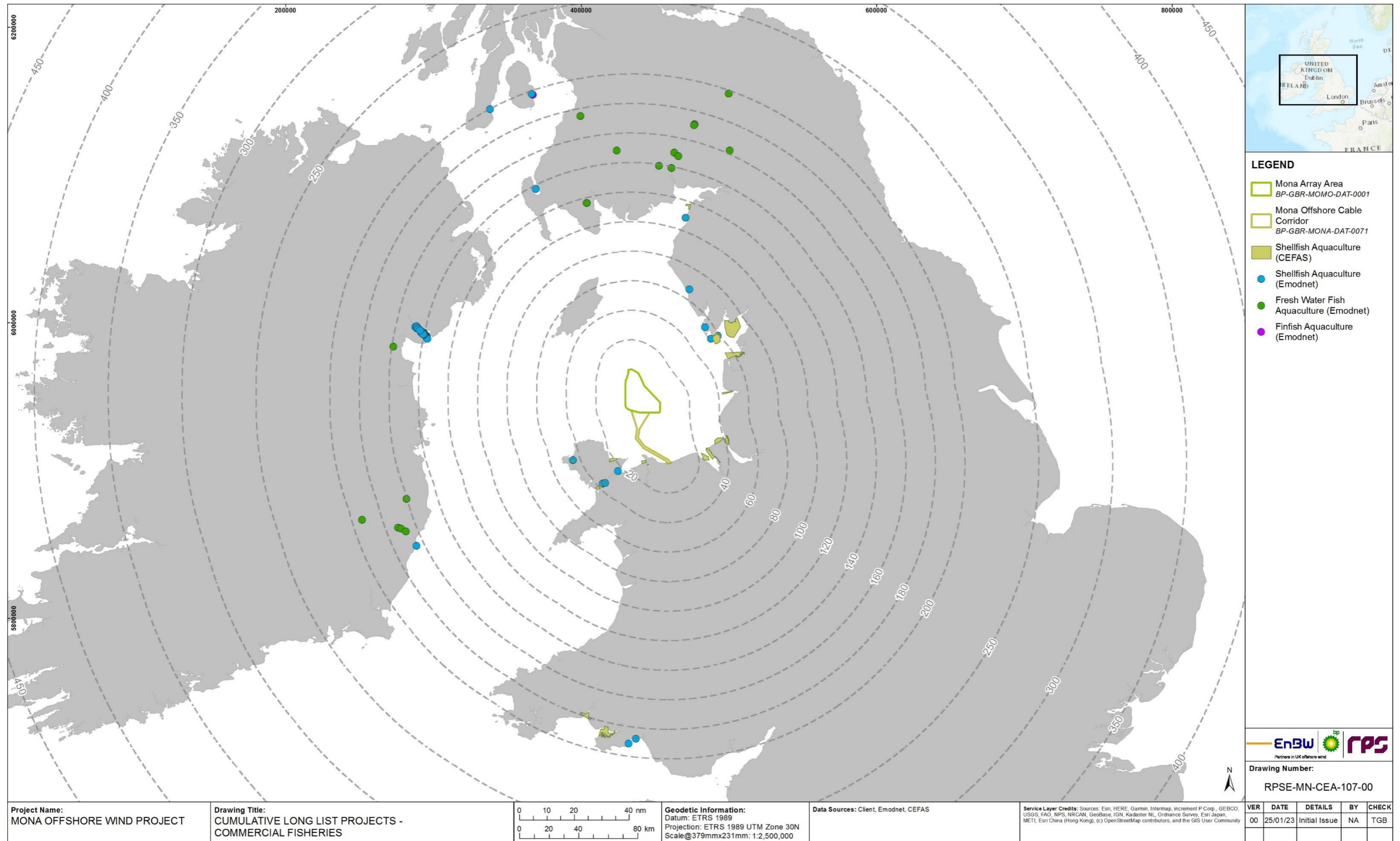


Figure 1.5: Commercial fisheries projects, plans and activities considered in the Mona Offshore Wind Project CEA.

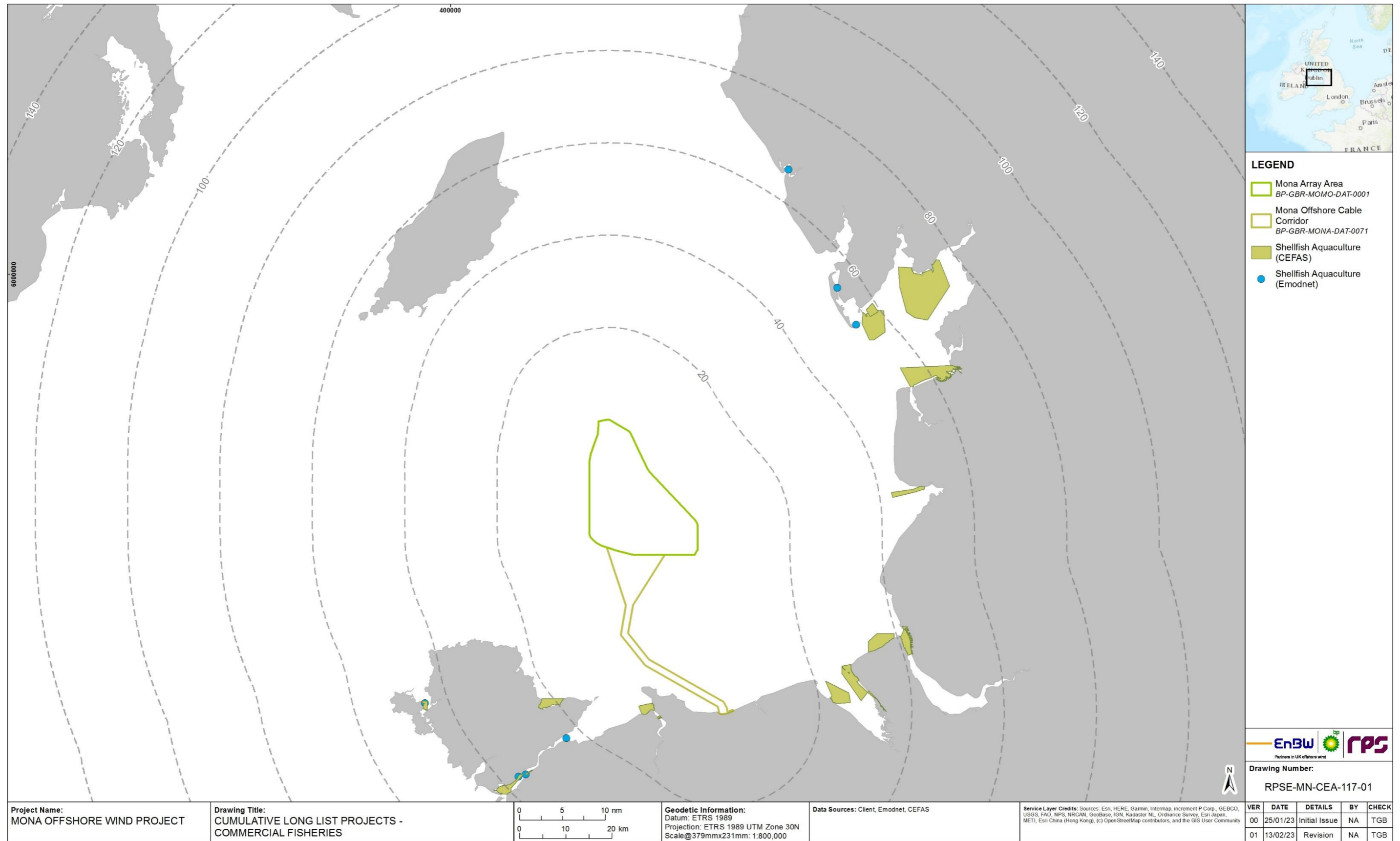


Figure 1.6: Commercial fisheries projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.12 Offshore Cumulative Effects Matrix - Oil and Gas - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

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

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
110/12a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (2007 - 2033).	Operational																	
110/13a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (1989 - 2025).	Operational																	
110/13b	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (1989 - 2025).	Operational																	
110/14a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational																	
110/14c	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
110/15a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (1991 - 2027).	Operational	Yellow	Yellow	Yellow	Yellow	Yellow												
110/2a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
110/2b	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (1989 - 2025).	Operational	Yellow	Yellow	Yellow														
110/2c	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (1989 - 2025).	Operational	Yellow	Yellow	Yellow														
110/3a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
110/4a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (2019 - 2048).	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
110/7a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
110/8a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
110/8c	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
110/9c	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
113/26a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
113/27a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
113/27b	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Currently licenced UKCS block (2007 - 2033).	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
33rd Offshore Round Block: 110/6	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the developer’s website or a consenting authority’s portal	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																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
33rd Offshore Round Block: 110/9a	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the developer’s website or a consenting authority’s portal	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																	
33rd Offshore Round Blocks: 110/2d	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the developer’s website or a consenting authority’s portal	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																	
33rd Offshore Round Blocks: 113/27c	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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																	
Isle of Man Crogga Licence: 112/25	UKCS	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Block reference 112/25. Within Isle of Man territorial waters. 266km ² area offshore the northeast coast of the Isle of Man.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
BARROW-IN-FURNESS GAS TERMINAL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	BARROW-IN-FURNESS GAS TERMINAL.	Operational																		
BRAYMORE POINT TERMINAL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	BRAYMORE POINT TERMINAL.	Operational																		
CALDER	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Calder platform.	Operational																		
CENTRAL PRODUCTION PLTFM CPP1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Central production platform.	Operational																		
CONWY PLATFORM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The Conwy field development comprises three production wells, two water injection wells, and a Not Permanently Attended Installation (NPAI) platform.	Operational																		
CORSEWALL POINT TERMINAL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Terminal off Dumfries and Galloway.	Operational																		
DOUGLAS DA	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	DOUGLAS DA.	Operational																		
DOUGLAS DP	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Douglas drilling platform.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
DOUGLAS DW	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Douglas drilling well.	Operational																	
Larne Lough	The Crown Estate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The licence shall refer to the creation of seven underground caverns in the Permian salt deposits below Larne Lough.	Operational																	
DUNROD POINT	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	DUNROD POINT.	Operational																	
GLEN MOOAN	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	19km pipeline to supply natural gas to existing Manx Gas customers in Kirk Michael, Ballaugh and Ramsey.	Operational																	
HAMILTON	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Hamilton gas platform.	Operational																	
HAMILTON NORTH	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Hamilton north gas platform.	Operational																	
ISLAND MAGEE TERMINAL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	ISLAND MAGEE TERMINAL.	Operational																	
LENNOX	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Lennox oil platform.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
LIVERPOOL BAY BUOY: KFB 07/2012	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	LIVERPOOL BAY BUOY: KFB 07/2012.	Operational																	
LIVERPOOL BAY SMART BUOY KFB20/2012 AREA5	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	LIVERPOOL BAY SMART BUOY KFB20/2012 AREA5.	Operational																	
LOUGHSHINNY	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	LOUGHSHINNY platform.	Operational																	
MILLOM WEST PLATFORM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Millom west field platform.	Decommissioning																	
NORTH MORECAMBE PLATFORM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	NORTH MORECAMBE PLATFORM.	Operational																	
NORTH MORECAMBE DPPA	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	North Morecambe drilling and production platform.	Operational																	
OSI (OFFSHORE STORAGE INST.)	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Storage barge connected to the Douglas platforms.	Operational																	
POINT OF AYR GAS TERMINAL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)														
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
SEL1/07	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Oil and gas active area in Ireland.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
SOUTH MORECAMBE AP1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe accommodation platform 1.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
SOUTH MORECAMBE CPP1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe central processing platform.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
SOUTH MORECAMBE DP1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe drilling platform 1.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
SOUTH MORECAMBE DP3	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe drilling platform 3.	Decommission															
SOUTH MORECAMBE DP4	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe drilling platform 4.	Decommission															
SOUTH MORECAMBE DP6	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe drilling platform 6.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
SOUTH MORECAMBE DP8	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe drilling platform 8.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
SOUTH MORECAMBE FL1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	South Morecambe flare.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics
110/12a	1.1	8.3	d	e	e	a	d	a	a	d	a	d	d	d
110/13a	13.2	20.4	d	f	f	f	d	f	a	d	a	d	d	d
110/13b	8.2	14.3	d	f	f	f	d	f	a	d	a	d	d	d
110/14a	19.8	27.0	d	a	a	a	d	a	a	d	a	d	d	d
110/14c	32.5	39.8	d	a	a	a	d	a	a	d	a	d	d	d
110/15a	33.1	40.2	d	a	a	a	d	a	a	d	a	d	d	d
110/2a	14.8	28.4	d	a	a	a	d	a	a	d	a	d	d	d
110/2b	9.2	26.1	d	f	f	f	d	f	a	d	a	d	d	d
110/2c	17.7	40.9	d	f	f	f	d	a	a	f	a	d	d	d
110/3a	17.9	29.3	d	e	e	a	d	a	a	d	a	d	d	d
110/4a	27.4	37.4	d	e	e	a	d	a	a	d	a	d	d	d
110/7a	9.6	20.8	d	e	e	a	d	a	a	d	a	d	d	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
110/8a	14.0	24.6	d	e	e	a	d	a	a	d	a	d	d	d
110/8c	9.9	19.4	d	e	e	a	d	a	a	d	a	d	d	d
110/9c	21.5	30.8	d	e	e	a	d	a	a	d	a	d	d	d
113/26a	17.1	43.7	d	e	e	a	d	a	a	e	a	d	d	d
113/27a	19.7	44.5	d	e	e	a	d	a	a	e	a	d	d	d
113/27b	25.7	48.6	d	e	e	a	d	a	a	d	a	d	d	d
33rd Offshore Round Block: 110/6	0.0	6.0	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Block: 110/7b	0.0	7.5	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Block: 110/8b	6.7	15.6	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Block: 110/9a	19.9	28.0	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Block: 113/24	50.3	68.5	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Blocks: 110/1	0.0	24.5	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Blocks: 110/2d	7.2	26.0	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Blocks: 110/3b	21.9	32.3	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Blocks: 113/26c	15.4	43.1	e	e	e	e	e	e	e	e	e	e	e	e
33rd Offshore Round Blocks: 113/27c	22.7	44.9	e	e	e	e	e	e	e	e	e	e	e	e
Isle of Man Crogga Licence: 112/25	33.9	61.6	e	e	e	e	e	e	e	e	e	e	e	e
BARROW-IN-FURNESS GAS TERMINAL	56.5	68.7	d	d	d	a	d	a	a	d	a	b	d	d
BRAYMORE POINT TERMINAL	143.3	147.2	d	d	d	a	d	d	d	d	d	d	d	d
CALDER	13.1	25.1	a	b	b	a	d	a	a	d	a	b	d	d
CENTRAL PRODUCTION PLTFM CPP1	19.9	31.3	a	b	b	a	d	a	a	d	a	b	d	d
CONWY PLATFORM	1.9	9.5	a	b	b	a	d	a	a	d	a	b	d	d
CORSEWALL POINT TERMINAL	145.3	170.4	d	d	d	a	d	d	a	d	d	d	d	d
DOUGLAS DA	11.2	16.7	a	b	a	a	d	a	a	d	a	b	d	d
DOUGLAS DP	11.2	16.8	a	b	a	a	d	a	a	d	a	b	d	d
DOUGLAS DW	11.3	16.9	a	b	a	a	d	a	a	d	a	b	d	d
Larne Lough	154.4	176.0	d	d	d	a	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 (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	Aviation and radar	Socio-economics
DUNROD POINT	103.3	130.9	d	d	d	a	d	d	a	d	d	d	d	d
GLEN MOOAN	58.9	82.9	d	d	d	a	d	a	a	d	d	d	d	d
HAMILTON	17.1	23.8	a	b	b	a	d	a	a	d	a	b	d	d
HAMILTON NORTH	14.8	22.6	a	b	b	a	d	a	a	d	a	b	d	d
ISLAND MAGEE TERMINAL	157.4	179.3	d	d	d	a	d	d	a	d	d	d	d	d
LENNOX	34.7	42.0	d	b	d	a	d	a	a	d	a	b	d	d
LIVERPOOL BAY BUOY: KFB 07/2012	24.3	29.8	d	a	a	a	d	a	a	d	d	b	d	d
LIVERPOOL BAY SMART BUOY KFB20/2012 AREA5	24.8	30.0	d	a	a	a	d	a	a	d	d	b	d	d
LOUGHSHINNY	135.1	138.7	d	d	d	a	d	d	d	d	d	d	d	d
MILLOM WEST PLATFORM	20.4	46.9	f	f	f	f	f	f	f	f	f	f	f	f
NORTH MORECAMBE PLATFORM	21.6	41.1	a	b	b	a	d	a	a	d	a	b	d	d
NORTH MORECAMBE DPPA	21.6	41.1	a	b	b	a	d	a	a	d	a	b	d	d
OSI (OFFSHORE STORAGE INST.)	10.7	19.8	d	a	a	a	d	a	a	d	a	b	d	d
POINT OF AYR GAS TERMINAL	37.0	18.4	d	d	a	a	d	a	a	d	d	b	d	d
SEL1/07	200.3	188.3	d	d	d	a	d	d	d	d	d	d	d	d
SOUTH MORECAMBE AP1	19.8	31.2	a	b	a	a	d	a	a	d	a	b	d	d
SOUTH MORECAMBE CPP1	19.9	31.3	a	b	a	a	d	a	a	d	a	b	d	d
SOUTH MORECAMBE DP1	20.0	31.4	a	b	a	a	d	a	a	d	a	b	d	d
SOUTH MORECAMBE DP3	18.5	29.2	g	g	g	g	g	g	g	g	g	g	g	g
SOUTH MORECAMBE DP4	23.1	34.8	g	g	g	g	g	g	g	g	g	g	g	g
SOUTH MORECAMBE DP6	19.6	32.1	a	b	a	a	d	a	a	d	a	b	d	d
SOUTH MORECAMBE DP8	20.6	34.7	a	b	a	a	d	a	a	d	a	b	d	d
SOUTH MORECAMBE FL1	19.9	31.4	a	b	a	a	d	a	a	d	a	b	d	d

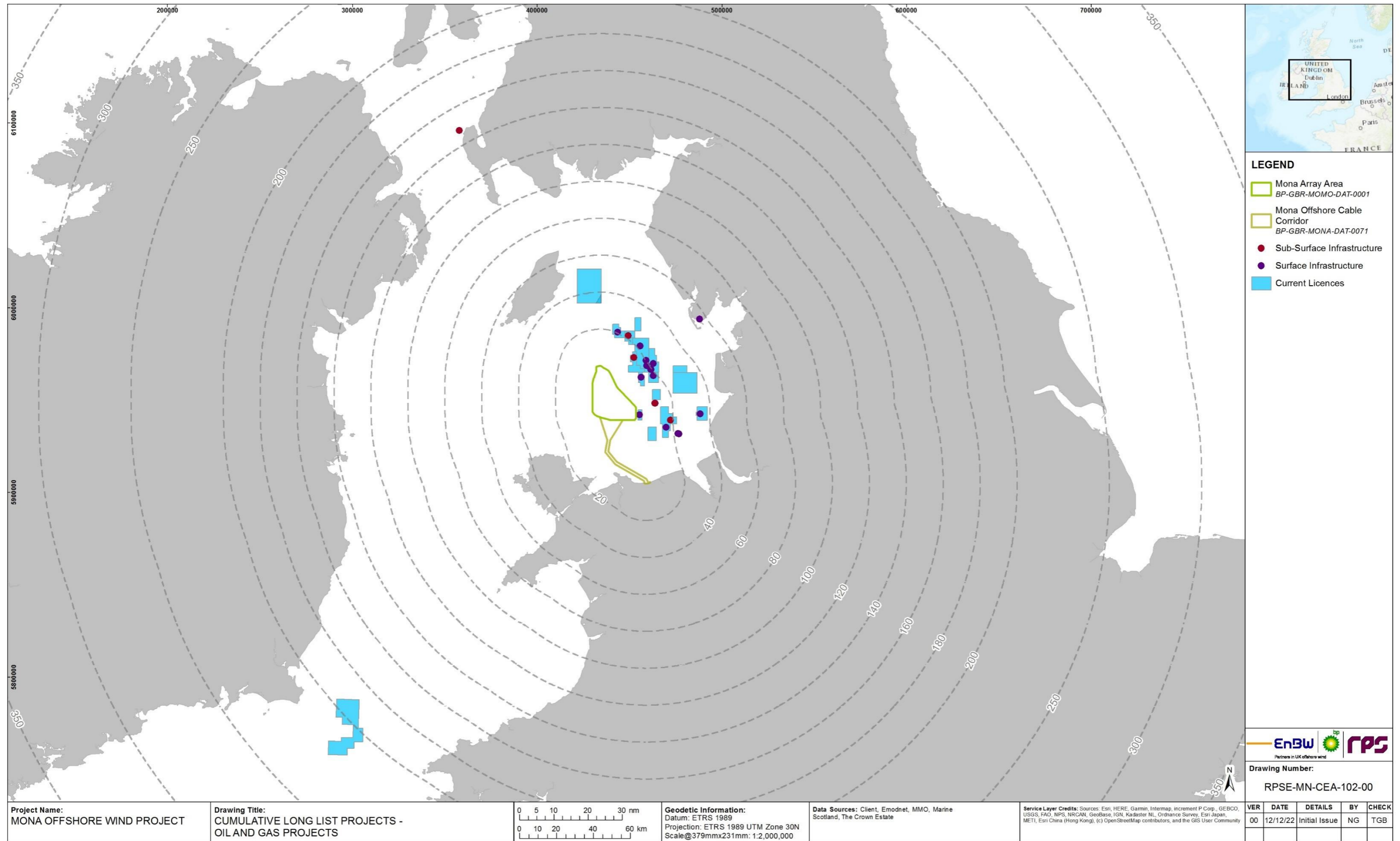


Figure 1.7: Oil and gas projects, plans and activities considered in the Mona Offshore Wind Project CEA.

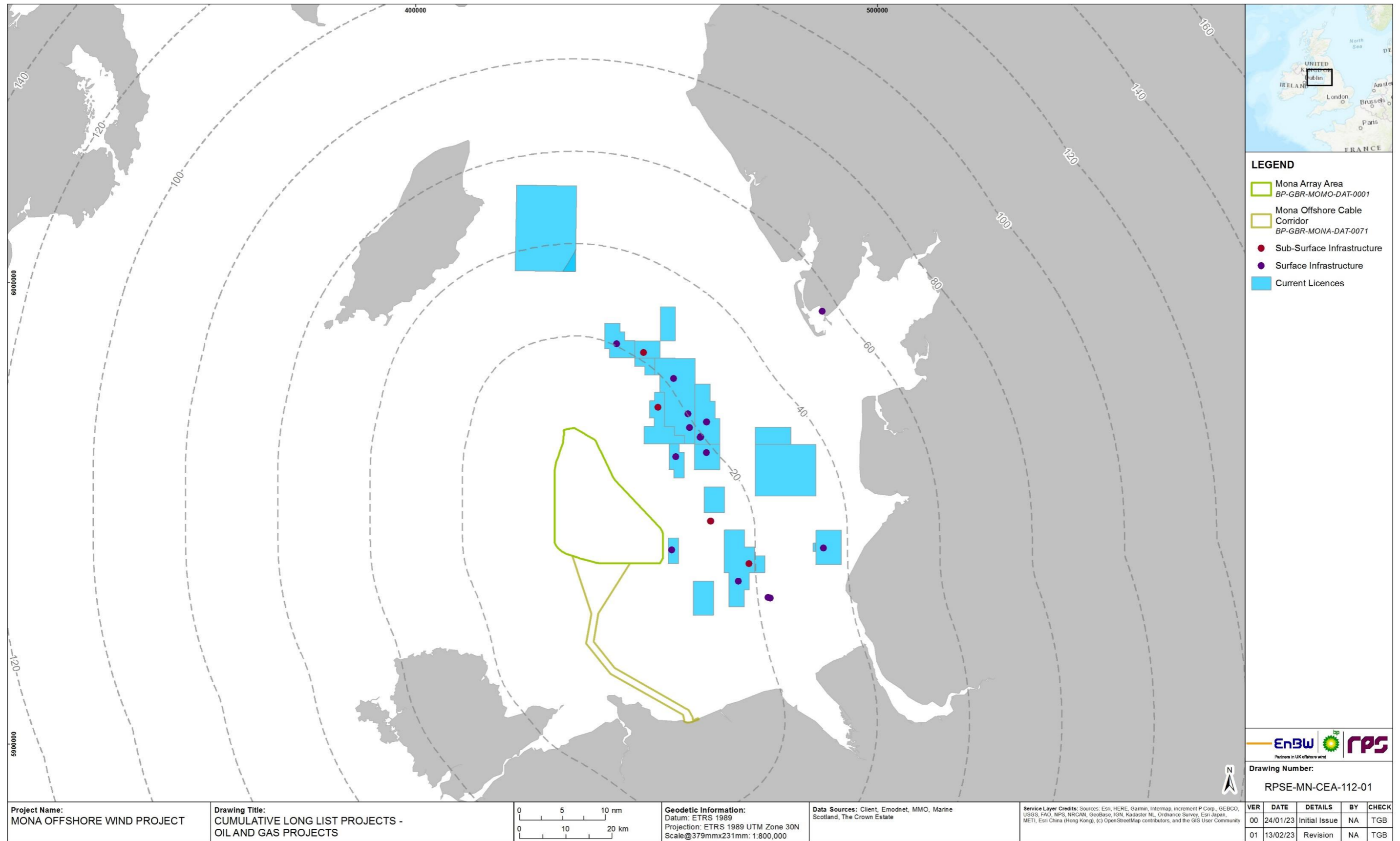


Figure 1.8: Oil and gas projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.14 Offshore Cumulative Effects Matrix - Cables and pipelines - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

1.14.1.1 The following cable and pipeline projects, plans and activities are shown in Figure 1.9 and Figure 1.10.

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
ARDNEIL AND WIRRAL 2	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The Western Link project consists of installing two 600kV DC submarine cables in the Irish Sea from Ardneil (Scotland) to Wirral (England).The cable has a total length of about 387km.	Operational																	
ARDNEIL TO WIRRAL 1	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The Western Link project consists of installing two 600kV DC submarine cables in the Irish Sea from Ardneil (Scotland) to Wirral (England).The cable has a total length of about 387km.	Operational																	
BT-MT1	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The fibre optic submarine telecommunications cable system BT-MT-1 became ready for service around 1990.The system has a length of 80km and is owned and/or operated by a consortium consisting of BT, Manx Telecom.	Operational																	
BT-TE1	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	BT telecommunications cable.	Operational																	
CALDER TO RIVERS ONSHORE TERMINAL (PL1945)	NSTA	High – Data has been obtained from the developer’s website or a	CALDER TO RIVERS ONSHORE TERMINAL 24IN GAS LINE.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
		consenting authority's portal																					
CELTIXCONNECT	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	The fibre optic submarine telecommunications cable system CeltixConnect became ready for service around January 2012. The system has a length of 136km and is owned and/or operated by Aqua Comms.	Operational																			
CONWY TO DOUGLAS OIL EXPORT (PL2939)	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Project type: Offshore oil field development. Location: east Irish Sea, UK.	Operational																			
DALTON PLEM	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Dalton Pipeline End Manifold.	Operational																			
DALTON PLEM TO DALTON WELLHEAD R1	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Dalton gas field Pipe Line End Manifold to Dalton Wellhead.	Operational																			
DALTON PLEM TO DALTON WELLHEAD R2	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Dalton gas field Pipe Line End Manifold to Dalton Wellhead.	Operational																			
DALTON PLEM TO DPPA	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Dalton gas field Pipe Line End Manifold to North Morecambe Drilling and Production Platform.	Operational																			
DALTON WELLHEAD R1 TO DALTON PLEM	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Dalton gas field wellhead to Dalton Pipe Line End Manifold.	Operational																			
DD-POA GAS EXPORT (PL1030)	NSTA	High – Data has been obtained from the developer's website or a	Liverpool Bay Asset. Gas Export from Douglas. Length: 32.1km.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
		consenting authority's portal																					
DOUGLAS TO CACM (PL1031)	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas to CACM Barge.	Operational																			
DOUGLAS TO CONWY CONDENSATE INJECTION	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas field to Conwy condensate injection.	Operational																			
DOUGLAS TO CONWY UMBILICAL	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas field to Conwy umbilical cable.	Operational																			
DOUGLAS TO CONWY WATER INJECTION (PL2940)	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas field to Conwy water injection pipeline.	Abandoned																			
DOUGLAS TO HAMILTON (PL1040)	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas field to Hamilton platform pipeline.	Operational																			
DOUGLAS TO HAMILTON NORTH	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas field to Hamilton north pipeline.	Operational																			
DOUGLAS TO LENNOX CHEM LINE (PL1037)	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas field to Lennox chemical pipeline.	Operational																			
DOUGLAS TO LENNOX CHEM LINE (PL1038)	NSTA	High – Data has been obtained from the developer's website or a	Douglas field to Lennox chemical pipeline.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																			
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055						
		consenting authority's portal																						
DOUGLAS TO LENNOX GAS LINE (PL1036A)	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Douglas field to Lennox gas pipeline.	Operational																				
EAST WEST INTERCONNECTOR	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	The East West Interconnector is a 500MW 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																				
EMERALD BRIDGE	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	The fibre optic submarine telecommunications cable system Emerald Bridge Fibres became ready for service around December 2012. The system has a length of 120km and is owned and/or operated by a consortium consisting of ESB Telecoms, Zayo Group.	Operational																				
EMERALD BRIDGE ONE	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	The fibre optic submarine telecommunications cable system Emerald Bridge Fibres became ready for service around December 2012. The system has a length of 120km and is owned and/or operated by a consortium consisting of ESB Telecoms, Zayo Group.	Operational																				
ESAT 2	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	The fibre optic submarine telecommunications cable system ESAT-2 became ready for service around 2000. The system has a length of 245km and is owned and/or operated by Esat BT.	Operational																				
HAMILTON EAST MANIFOLD	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Hamilton east pipeline end manifold.	Operational																				
HAMILTON EAST PIPELINE	NSTA	High – Data has been obtained from the developer's website or a consenting authority's portal	Hamilton east pipeline.	Operational																				

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
HAMILTON EAST UMBILICAL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Umbilical pipeline for Hamilton east.	Operational																	
HAMILTON TO DOUGLAS GAS LINE (PL1039)	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Gas line from Hamilton to Douglas.	Operational																	
HAV 1.2	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Type: Telecom The Havhingsten cable system is a 940km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Submitted but not yet determined																	
HAV 1.3	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Type: Telecom The Havhingsten cable system is a 940km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Submitted but not yet determined																	
HAV 1.4	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Type: Telecom The Havhingsten cable system is a 940km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Submitted but not yet determined																	
HAV 1.5	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Type: Telecom The Havhingsten cable system is a 940km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	Submitted but not yet determined																	
HIBERNIA ATLANTIC SEG.A	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																			
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055						
HIBERNIA ATLANTIC SEG.C	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																				
INTERCONNECTOR 1 SCOTLAND TO IRELAND IC1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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: 204km.	Operational																				
INTERCONNECTOR 2 SCOTLAND TO IRELAND IC2	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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																				
IOM UK INTERCONNECTOR	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																				
ISLE OF MAN CONTROL UMBILICAL (IOMCU)	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	72.80mm hydraulic umbilical cable.	Operational																				
ISLE OF MAN SPUR (IOMS)	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	273.00mm gas pipeline.	Operational																				
LANIS 1	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The system has a length of 113km and is owned and/or operated by Vodafone.	Operational																				

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
LANIS 2	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The system has a length of 67km and is owned and/or operated by Vodafone.	Operational																	
LENNOX TO DOUGLAS GAS LINE	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Gas line from Lennox to Douglas.	Operational																	
LENNOX TO DOUGLAS OIL LINE	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	LENNOX PLATFORM TO DOUGLAS COMPLEX 16IN GAS LINE.	Not in use																	
MANX-N.IRELAND	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	BT telecommunications cable.	Operational																	
MaresConnect	Maresconnect	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MaresConnect is a proposed 750MW subsea and underground electricity interconnector system linking the electricity grids in Ireland and Great Britain.	Pre-application																	
MILLOM EAST PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Millom east pipeline end plem.	Operational																	
MILLOM PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Millom pipeline end plem.	Operational																	
MILLOM PLEM TO DPPA	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Millom pipeline end manifold to North Morecambe Drilling and Production Platform.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
MILLOM PLEM TO MILLOM WELLHEAD Q1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Millom pipeline end manifold to Millom Wellhead.	Operational																	
MILLOM PLEM TO MILLOM WELLHEAD Q3 CHEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Millom pipeline end manifold to Millom Wellhead chemical line.	Operational																	
MILLOM PLEM TO MILLOM WEST	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Millom pipeline end manifold to Millom West.	Operational																	
MILLOM WELLHEAD Q1 TO MILLOM PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MILLOM WELLHEAD Q1 TO MILLOM PLEM 8IN GAS.	Operational																	
MILLOM WELLHEAD Q2 TO MILLOM PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MILLOM WELLHEAD Q2 TO MILLOM PLEM 8IN GAS.	Operational																	
MILLOM WELLHEAD Q3 TO MILLOM PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MILLOM WELLHEAD Q3 TO MILLOM PLEM 8IN GAS.	Operational																	
MILLOM WEST TO MILLOM PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MILLOM WEST TO MILLOM PLEM 12IN GAS LINE.	Operational																	
MORECAMBE CPP1 TO DP6	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MORECAMBE CPP1 platform TO DP3 2IN LINE.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
MORECAMBE CPP1 TO DP8	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MORECAMBE CPP1 platform TO DP8 2IN LINE.	Operational																		
MORECAMBE DP1 TO BAINS	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MORECAMBE DP1 TO BAINS WELLHEAD CHEMICAL.	Operational																		
MORECAMBE DP6 TO CPP1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MORECAMBE DP6 TO CPP1 24IN GAS LINE.	Operational																		
MORECAMBE DP8 TO CPP1	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MORECAMBE DP8 TO CPP1 24IN GAS LINE.	Operational																		
MORECAMBE DPPA TO DALTON PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MORECAMBE DPPA TO DALTON PLEM CHEMICAL.	Operational																		
MORECAMBE DPPA TO MILLOM PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MORECAMBE DPPA TO MILLOM PLEM CHEMICAL.	Operational																		
NMT METHANOL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	NORTH MORECAMBE 3IN METHANOL.	Operational																		
NMT TRUNKLINE	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	NORTH MORECAMBE 36IN GAS TRUNKLINE.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
PLEM AT OSI	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Pipeline end manifold at OSI.	Operational																	
POA-DD CONDENSATE	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	3 INCH POA-DD CONDENSATE PIPELINE.	Operational																	
POA-DD METHANOL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	3 INCH POA-DD METHANOL PIPELINE.	Operational																	
RHYL-DPPA CONTROL/CHEM INJ UMBILICAL	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	RHYL-DPPA IMPORT PRODUCTION FLEXIBLE PIPELINE.	Operational																	
RHYL-DPPA IMPORT PRODUCTION FLEX PIPE	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	RHYL-DPPA IMPORT PRODUCTION FLEXIBLE PIPELINE.	Operational																	
RIVERS ONSHORE TERMINAL TO CALDER	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	RIVERS ONSHORE TERMINAL TO CALDER 3IN CHEMICAL.	Operational																	
ROCKABILL	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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: 221km. Owners: euNetworks.	Operational																	
SIRIUS SOUTH	KIS-ORCA	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Interconnector connecting Ireland and England.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)														
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
SMT TRUNKLINE	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	SOUTH MORECAMBE 36IN GAS TRUNKLINE.	Operational															
WELLHEAD R2 TO DALTON PLEM	NSTA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	WELLHEAD R2 TO DALTON PLEM 8IN GAS LINE.	Operational															

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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics
ARDNEILL AND WIRRAL 2	12.9	18.4	d	a	a	a	d	a	a	a	a	d	d	d
ARDNEILL TO WIRRAL 1	0.0	5.1	d	a	a	a	d	a	a	a	a	d	d	d
BT-MT1	25.8	50.7	d	a	a	a	d	a	a	a	a	d	d	d
BT-TE1	55.1	49.7	d	a	a	a	d	a	a	a	d	d	d	d
CALDER TO RIVERS ONSHORE TERMINAL (PL1945)	13.1	25.1	d	a	a	a	d	a	a	d	a	d	d	d
CELTIXCONNECT	55.1	49.7	d	a	a	a	d	a	a	a	d	d	d	d
CONWY TO DOUGLAS OIL EXPORT (PL2939)	2.0	9.6	d	a	a	a	d	a	a	a	a	d	d	d
DALTON PLEM	15.4	34.4	d	a	a	a	d	a	a	a	a	d	d	d
DALTON PLEM TO DALTON WELLHEAD R1	15.3	34.3	d	a	a	a	d	a	a	d	a	d	d	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
DALTON PLEM TO DALTON WELLHEAD R2	14.8	33.5	d	a	a	a	d	a	a	d	a	d	d	d
DALTON PLEM TO DPPA	15.4	34.4	d	a	a	a	d	a	a	d	a	d	d	d
DALTON WELLHEAD R1 TO DALTON PLEM	15.3	34.3	d	a	a	a	d	a	a	d	a	d	d	d
DD-POA GAS EXPORT (PL1030)	11.3	9.8	d	a	a	a	d	a	a	a	a	d	d	d
DOUGLAS TO CACM (PL1031)	8.3	15.3	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO CONWY CONDENSATE INJECTION	2.0	9.6	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO CONWY UMBILICAL	2.0	9.6	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO CONWY WATER INJECTION (PL2940)	2.0	9.6	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO HAMILTON (PL1040)	10.1	16.0	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO HAMILTON NORTH	9.8	15.8	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO LENNOX CHEM LINE (PL1037)	9.9	15.9	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO LENNOX CHEM LINE (PL1038)	10.0	15.9	d	a	a	a	d	a	a	d	a	d	d	d
DOUGLAS TO LENNOX GAS LINE (PL1036A)	10.2	16.1	d	a	a	a	d	a	a	d	a	d	d	d
EAST WEST INTERCONNECTOR	13.8	0.0	d	a	a	a	d	a	a	a	a	d	d	d
EMERALD BRIDGE	60.6	54.2	d	d	d	d	d	a	a	a	d	d	d	d
EMERALD BRIDGE ONE	60.6	54.2	d	d	d	d	d	a	a	a	d	d	d	d
ESAT 2	0.0	12.1	d	a	a	a	d	a	a	a	a	d	d	d
HAMILTON EAST MANIFOLD	18.7	25.8	d	a	a	a	d	a	a	a	a	d	d	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
HAMILTON EAST PIPELINE	14.8	22.6	d	a	a	a	d	a	a	d	a	d	d	d
HAMILTON EAST UMBILICAL	14.8	22.6	d	a	a	a	d	a	a	d	a	d	d	d
HAMILTON TO DOUGLAS GAS LINE (PL1039)	10.0	16.0	d	a	a	a	d	a	a	d	a	d	d	d
HAV 1.2	57.0	70.4	d	d	d	e	d	a	d	d	d	d	d	d
HAV 1.3	36.7	47.7	d	e	e	e	d	a	d	d	d	d	d	d
HAV 1.4	34.1	45.7	d	e	e	e	d	a	d	d	d	d	d	d
HAV 1.5	0.0	18.5	d	e	e	e	d	a	e	d	d	d	d	d
HIBERNIA ATLANTIC SEG.A	0.0	24.5	d	a	a	a	d	a	a	a	a	d	d	d
HIBERNIA ATLANTIC SEG.C	0.0	16.7	d	a	a	a	d	a	a	a	a	d	d	d
INTERCONNECTOR 1 SCOTLAND TO IRELAND IC1	73.5	86.4	d	d	d	a	d	d	d	d	d	d	d	d
INTERCONNECTOR 2 SCOTLAND TO IRELAND IC2	71.1	92.5	d	d	d	a	d	d	d	d	d	d	d	d
IOM UK INTERCONNECTOR	18.3	37.5	d	a	a	a	d	a	a	a	a	d	d	d
ISLE OF MAN CONTROL UMBILICAL (IOMCU)	59.6	83.6	d	d	d	a	d	a	d	d	d	d	d	d
ISLE OF MAN SPUR (IOMS)	59.6	83.6	d	d	d	a	d	a	d	d	d	d	d	d
LANIS 1	3.0	21.5	d	a	a	a	d	a	a	a	a	d	d	d
LANIS 2	62.1	84.7	d	d	d	a	d	a	d	d	d	d	d	d
LENNOX TO DOUGLAS GAS LINE	9.9	15.8	d	a	a	a	d	a	a	d	a	d	d	d
LENNOX TO DOUGLAS OIL LINE	9.9	15.9	d	a	a	a	d	a	a	d	a	d	d	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
MANX-N.IRELAND	59.5	81.9	d	d	d	a	d	a	d	d	d	d	d	d
MaresConnect	14.7	0.0	c	c	c	c	d	d	d	d	c	d	d	d
MILLOM EAST PLEM	21.7	45.8	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM PLEM	21.7	45.8	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM PLEM TO DPPA	21.6	41.2	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM PLEM TO MILLOM WELLHEAD Q1	21.7	45.8	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM PLEM TO MILLOM WELLHEAD Q3 CHEM	21.7	45.8	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM PLEM TO MILLOM WEST	20.4	45.7	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM WELLHEAD Q1 TO MILLOM PLEM	21.7	45.8	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM WELLHEAD Q2 TO MILLOM PLEM	21.7	45.8	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM WELLHEAD Q3 TO MILLOM PLEM	21.7	45.8	d	a	a	a	d	a	a	a	a	d	d	d
MILLOM WEST TO MILLOM PLEM	20.4	45.7	d	a	a	a	d	a	a	a	a	d	d	d
MORECAMBE CPP1 TO DP6	19.5	31.3	d	a	a	a	d	a	a	a	a	d	d	d
MORECAMBE CPP1 TO DP8	19.9	31.3	d	a	a	a	d	a	a	d	a	d	d	d
MORECAMBE DP1 TO BAINS	20.0	31.4	d	a	a	a	d	a	a	d	a	d	d	d
MORECAMBE DP6 TO CPP1	19.6	31.3	d	a	a	a	d	a	a	d	a	d	d	d
MORECAMBE DP8 TO CPP1	19.9	31.3	d	a	a	a	d	a	a	d	a	d	d	d
MORECAMBE DPPA TO DALTON PLEM	15.4	34.4	d	a	a	a	d	a	a	d	a	d	d	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
MORECAMBE DPPA TO MILLOM PLEM	21.6	41.1	d	a	a	a	d	a	a	d	a	d	d	d
NMT METHANOL	21.7	41.1	d	a	a	a	d	a	a	a	a	d	d	d
NMT TRUNKLINE	21.7	41.1	d	a	a	a	d	a	a	d	a	d	d	d
PLEM AT OSI	10.7	19.7	d	a	a	a	d	a	a	d	a	d	d	d
POA-DD CONDENSATE	11.3	9.8	d	a	a	a	d	a	a	d	a	d	d	d
POA-DD METHANOL	11.3	9.8	d	a	a	a	d	a	a	d	a	d	d	d
RHYL-DPPA CONTROL/CHEM INJ UMBILICAL	21.6	41.1	d	a	a	a	d	a	a	d	a	d	d	d
RHYL-DPPA IMPORT PRODUCTION FLEX PIPE	21.6	41.1	d	a	a	a	d	a	a	d	a	d	d	d
RIVERS ONSHORE TERMINAL TO CALDER	13.1	25.1	d	a	a	a	d	a	a	d	a	d	d	d
ROCKABILL	0.0	13.9	d	a	a	a	d	a	a	a	a	d	d	d
SIRIUS SOUTH	0.0	12.5	d	a	a	a	d	a	a	a	a	d	d	d
SMT TRUNKLINE	19.9	31.3	d	a	a	a	d	a	a	d	a	d	d	d
WELLHEAD R2 TO DALTON PLEM	14.8	33.5	d	a	a	a	d	a	a	d	a	d	d	d

MONA OFFSHORE WIND PROJECT

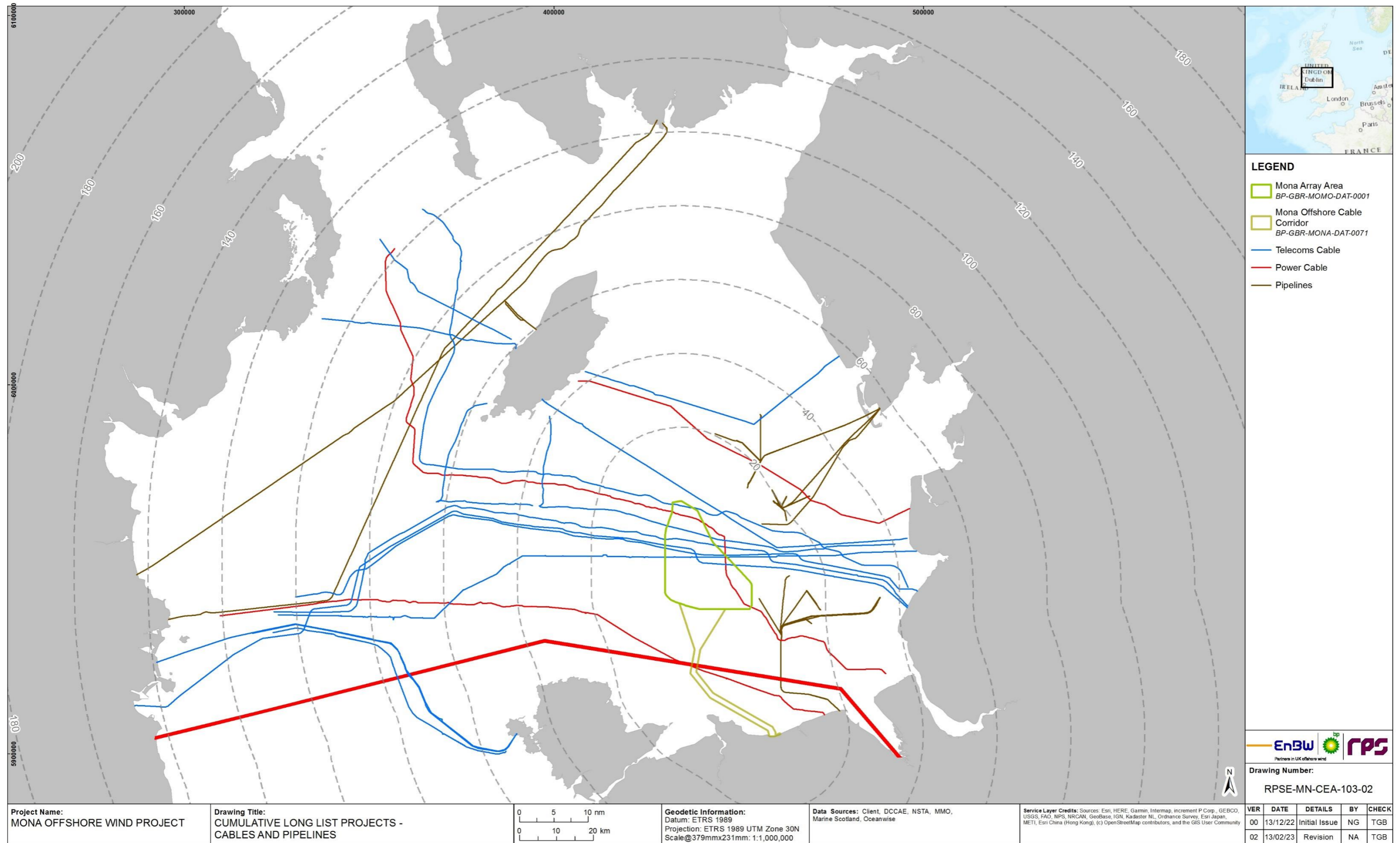


Figure 1.9: Cable and pipeline projects, plans and activities considered in the Mona Offshore Wind Project CEA.

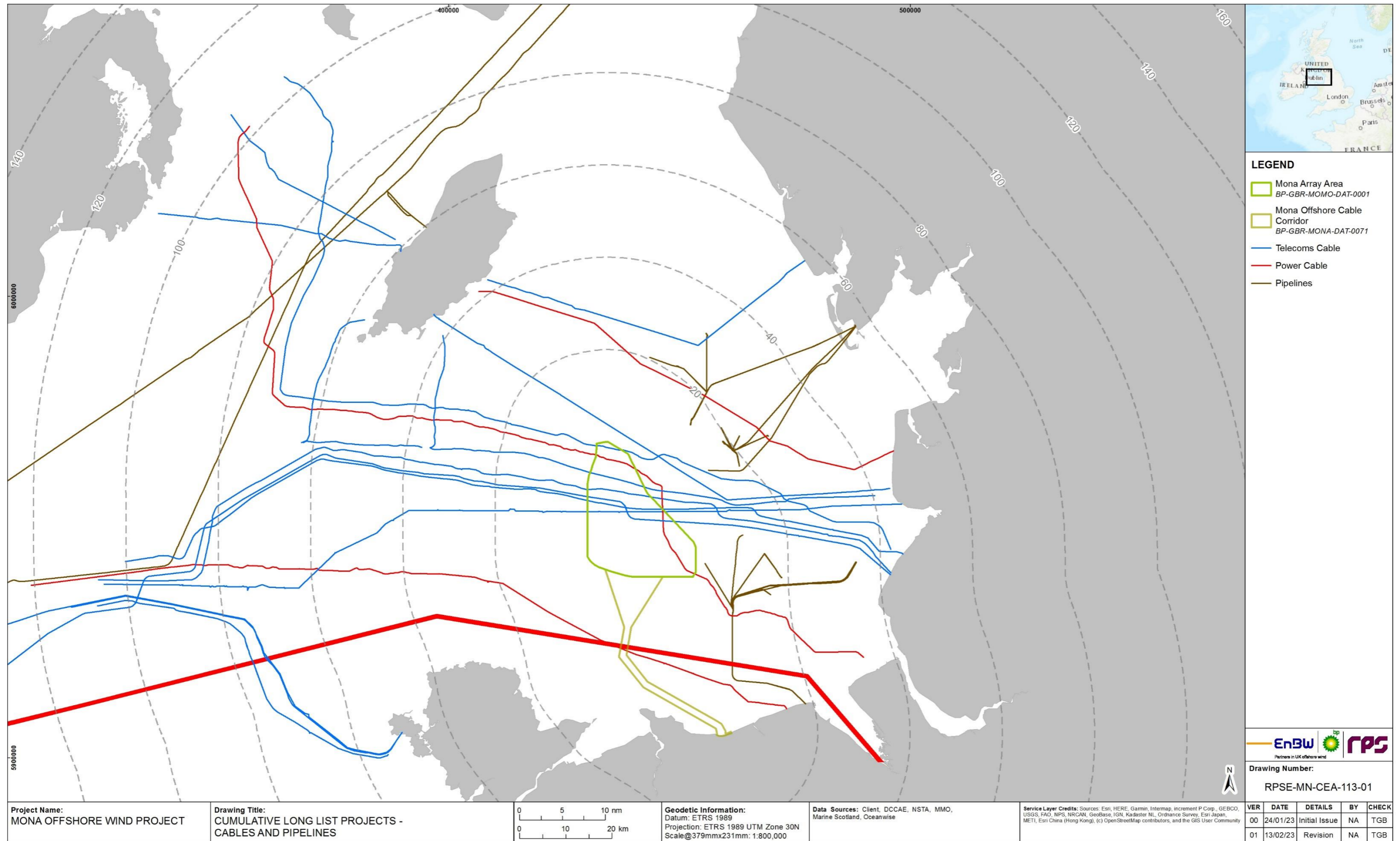


Figure 1.10: Cable and pipeline projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.16 Offshore Cumulative Effects Matrix - Shipping and Navigation - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

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

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Anchorage areas	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Various anchorage areas in the Irish Sea.	Operational																	
Belfast Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																	
Caernarfon Harbour Limit	MMO	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Harbour authority for Carlingford Lough.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
Castletown Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																			
Conwy Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	500 pontoon berths.	Operational																			
Dee Conservancy	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Harbour area for the Dee Estuary.	Operational																			
Derbyhaven Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Ards and North Down Borough Council. Leisure and fishing port.	Operational																			
Douglas Harbour Vessel Control Limit	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Douglas Harbour Vessel Control Limit.	Operational																			
Drogheda Port Company Pilotage District	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Drogheda Port Company Pilotage District.	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Dublin Port Company	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Dublin Port Company.	Operational																	
Dundalk Port Company	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Dundalk Port Company.	Operational																	
Dundalk Port Company Pilotage District	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Dundalk Port Company Pilotage District.	Operational																	
Garlieston Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Heysham Port.	Operational																	
HOLYHEAD HARBOUR	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	A commercial and ferry port in Anglesey, Wales, handling more than 2 million passengers each year.	Operational																	
Howth Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Fishing village harbour.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Isle of Whithorn Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Dumfries and Galloway. High commercial fisheries importance. Pleasure craft.	Operational																	
Lancaster Port	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Lancaster Port.	Operational																	
Laxey Bay Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																	
Loch Ryan Port	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Loch Ryan Port is operated by Stena Line Ports Ltd., who are the statutory Harbour Authority.	Operational																	
Loch Ryan/Stranraer Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Stranraer Harbour is one of the busiest ports in the region due to ferry traffic and fishing vessels.	Operational																	
Mostyn Docks	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																				
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055							
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine Management Licence	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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.	Operational																					
Peel Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Various pilot boarding places in the Irish Sea.	Operational																					
Port Erin	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port Erin is a seaside village/port in the south-west of the Isle of Man.	Operational																					
Port of Barrow	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port of Barrow.	Operational																					
Port of Cairnryan	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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																					

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Port of Fleetwood	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port of Fleetwood.	Operational																	
Port of Garston	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port of Garston.	Operational																	
Port of Kirkcudbright	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Can handle vessels up to 185m long.	Operational																	
Port of Liverpool	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port of Liverpool.	Operational																	
Port of Manchester	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port of Manchester.	Operational																	
Port of Workington	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port of Workington.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
Port Saint Mary	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Port St Mary is a port in the southwest of the Isle of Man.	Operational																		
Port William Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	On the coast of Luce Bay in Galloway.	Operational																		
Ramsey Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	East pier within Stranraer harbour.	Operational																		
Warrenpoint Harbour Authority	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Harbour authority for Warrenpoint.	Operational																		
Whitehaven Harbour	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Whitehaven Harbour.	Operational																		

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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics
Anchorage areas	N/A	N/A	d	a	a	a	d	a	a	a	d	d	d	d
Belfast Harbour	143.8	164.2	d	d	d	a	d	d	d	d	d	d	d	d
Caernarfon Harbour Limit	44.5	26.7	d	a	a	a	d	a	a	d	d	a	d	d
Carlingford Lough Harbour Authority	132.1	141.2	d	d	d	a	d	d	d	d	d	d	d	d
Castletown Harbour	44.9	64.4	d	a	a	a	d	a	a	d	d	a	d	d
Conwy Harbour	32.8	6.8	d	a	a	a	d	a	a	d	d	a	d	d
Dee Conservancy	37.5	19.7	d	a	a	a	d	a	a	d	d	a	d	d
Derbyhaven Harbour	44.7	65.1	d	a	a	a	d	a	a	d	d	a	d	d
Donaghadee Harbour	130.9	152.1	d	d	d	a	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 (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	Aviation and radar	Socio-economics
Douglas Harbour Vessel Control Limit	37.5	60.4	d	a	a	a	d	a	a	d	d	a	d	d
Drogheda Port Company Pilotage District	135.3	139.1	d	d	d	a	d	d	d	d	d	d	d	d
Dublin Port Company	134.7	137.8	d	d	d	a	d	d	d	d	d	d	d	d
Dundalk Port Company	138.5	146.8	d	d	d	a	d	d	d	d	d	d	d	d
Dundalk Port Company Pilotage District	140.5	147.1	d	d	d	a	d	d	d	d	d	d	d	d
Garlieston Harbour	105.3	132.5	d	d	d	a	d	d	a	d	d	d	d	d
Heysham Port	59.5	69.5	d	d	d	a	d	a	a	d	d	d	d	d
HOLYHEAD HARBOUR	47.6	43.0	d	a	a	a	d	a	a	d	d	a	d	d
Howth Harbour	135.6	138.9	d	d	d	a	d	d	d	d	d	d	d	d
Isle of Whithorn Harbour	95.4	122.5	d	d	d	a	d	d	a	d	d	d	d	d
Lancaster Port	55.3	65.0	d	d	d	a	d	a	a	d	d	d	d	d
Laxey Bay Harbour	44.3	69.8	d	a	a	a	d	a	a	d	d	a	d	d
Loch Ryan Port	140.6	166.2	d	d	d	a	d	d	a	d	d	d	d	d
Loch Ryan/Stranraer Harbour	133.0	158.5	d	d	d	a	d	d	a	d	d	d	d	d
Mostyn Docks	27.0	7.6	d	a	a	a	d	a	a	d	d	a	d	d
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine Management Licence	51.4	41.6	d	f	f	a	d	f	d	d	d	d	d	d
Peel Harbour	58.9	81.8	d	d	d	a	d	a	a	d	d	d	d	d
Pilot boarding place	N/A	N/A	d	a	a	a	d	a	a	a	d	d	d	d

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
Port Erin	54.1	72.6	d	d	d	a	d	a	a	d	d	d	d	d
Port of Barrow	47.8	58.1	d	a	a	a	d	a	a	d	d	a	d	d
Port of Cairnryan	137.7	163.3	d	d	d	a	d	d	a	d	d	d	d	d
Port of Fleetwood	51.7	64.3	d	d	d	a	d	a	a	d	d	d	d	d
Port of Garston	59.4	45.8	d	a	a	a	d	a	a	d	d	d	d	d
Port of Kirkcudbright	104.0	131.6	d	d	d	a	d	d	a	d	d	d	d	d
Port of Larne	150.1	171.5	d	d	d	a	d	d	d	d	d	d	d	d
Port of Liverpool	12.9	19.0	d	a	a	a	d	a	a	d	d	a	d	d
Port of Manchester	58.8	43.2	d	a	a	a	d	a	a	d	d	d	d	d
Port of Workington	91.3	117.3	d	d	d	a	d	a	a	d	d	d	d	d
Port Saint Mary	50.5	69.4	d	d	d	a	d	a	a	d	d	d	d	d
Port William Harbour	106.8	133.4	d	d	d	a	d	d	a	d	d	d	d	d
Ramsey Harbour	52.8	79.5	d	d	d	a	d	a	a	d	d	d	d	d
Stranraer East Pier	133.0	158.5	d	d	d	a	d	d	a	d	d	d	d	d
Warrenpoint Harbour Authority	145.5	155.3	d	d	d	a	d	d	d	d	d	d	d	d
Whitehaven Harbour	80.9	106.6	d	d	d	a	d	a	a	d	d	d	d	d

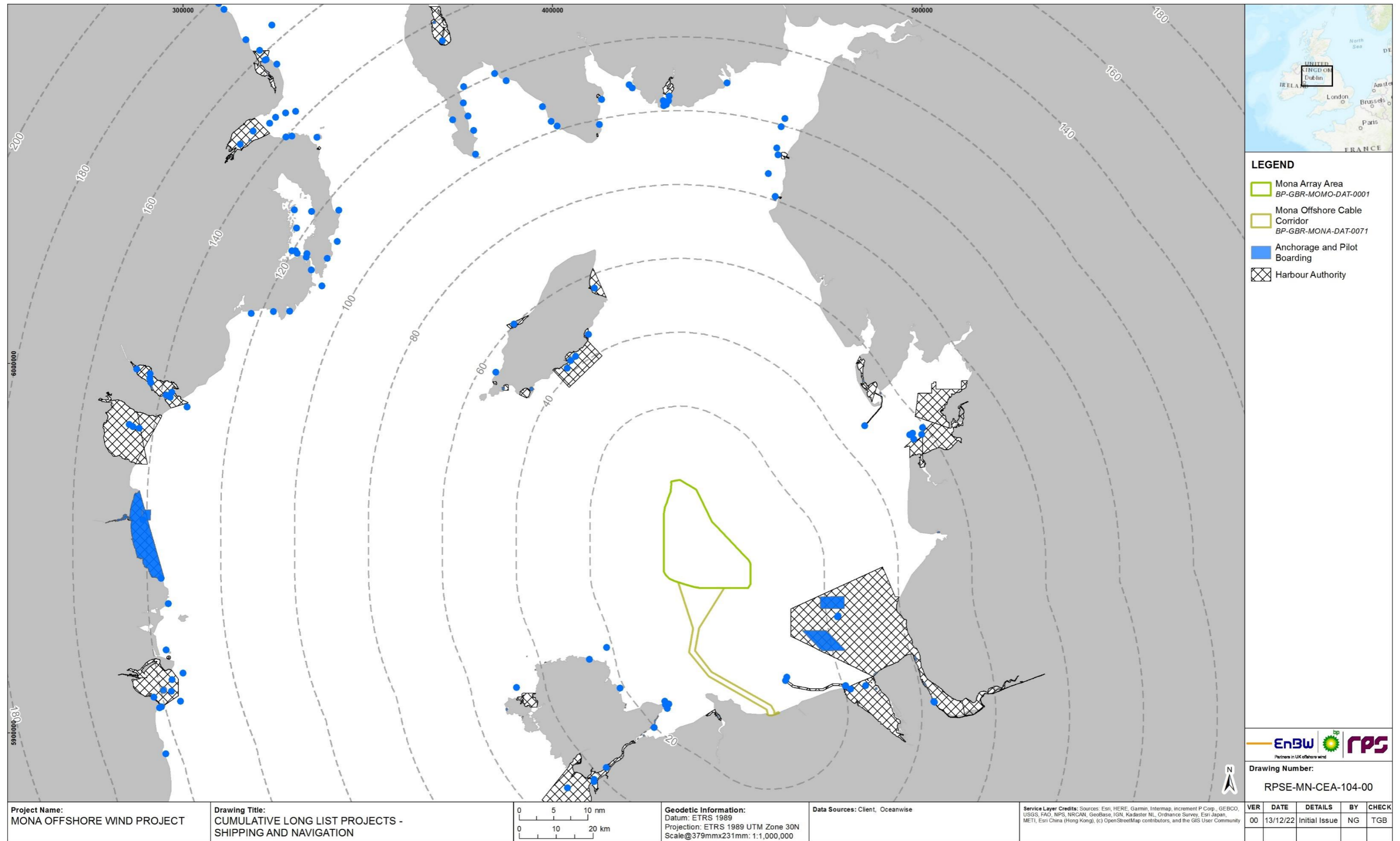


Figure 1.11: Shipping and navigation projects, plans and activities considered in the Mona Offshore Wind Project CEA.

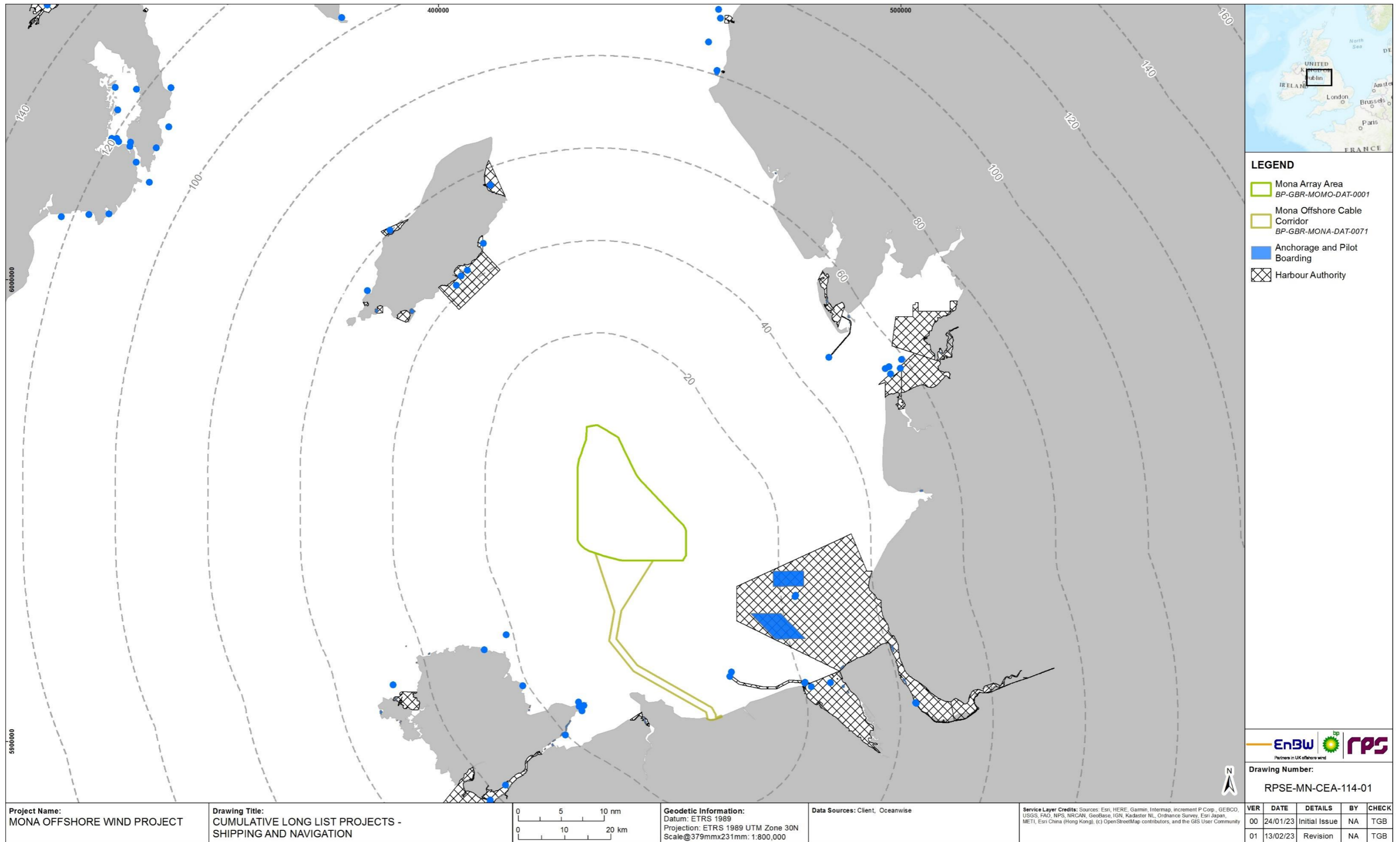


Figure 1.12: Shipping and navigation projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.18 Offshore Cumulative Effects Matrix - Military, Aviation and Radar - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

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

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
D201B: ABERPORTH	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Ranges, danger and exercise areas. Aberporth is a test and evaluation range where missile-firing takes place.	Operational																		
D201D: ABERPORTH	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Activity: Live Firing, Bombing, Pilotless Target Aircraft, Unmanned.	Operational																		
D201H: ABERPORTH	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Ranges, danger and exercise areas. Aberporth is a test and evaluation range where missile-firing takes place.	Operational																		
D401: BALLYKINLER	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	The range, D401, is used for small arms up to mortar and anti-tank weapons.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
D402A: LUCE BAY (N)	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Bombing training facility.	Operational																		
D402B: LUCE BAY (N)	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Bombing training facility.	Operational																		
D402C: LUCE BAY (N)	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Demolition of Unexploded Ordnance.	Operational																		
D403: LUCE BAY	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Air to air firing, bombing.	Operational																		
D403A: LUCE BAY	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Demolition of Unexploded Ordnance, surface explosions.	Operational																		
D405: KIRKCUDBRIGHT	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Demolition of Unexploded Ordnance, firing.	Operational																		
D406: ESKMEALS	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Live weapons test and evaluation range.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
D406B: ESKMEALS	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Live weapons test and evaluation range.	Operational																		
D406C: ESKMEALS	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Live weapons test and evaluation range.	Operational																		
D509: CAMPBELTOWN	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Military danger area for High & Low Angle Gunnery, HM Ships, Pilotless Target Aircraft, Surface to Surface Firing, Torpedo Firing.	Operational																		
Isle of Man	NATS	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Also known as Ronaldsway airport. Main civilian airport on the IoM. One 2,110m asphalt/concrete runway and one 1,255m asphalt runway.	Operational																		
X5306: Altcar	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Grenade and rifle firing range.	Operational																		
X5402: ARDGLASS	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Air General, HM Ships, submarine exercises.	Operational																		
X5403: PEEL	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational																		

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
X5406: JUNIPER ROCK	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational																		
X5407: MAGEE	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Air General, HM Ships, submarine exercises.	Operational																		
X5408: BEAUFORT	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational																		
X5525: BALLANTRAE	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational																		
X5526: CORSEWALL	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Military activity area for Air General, HM Ships, Submarine Exercises.	Operational																		
X5527: MAIDEN	Oceanwise	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	Air General, HM Ships, submarine exercises.	Operational																		

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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics	
D201B: ABERPORTH	68.7	70.1	d	d	d	a	d	d	d	d	d	d	d	d	d
D201D: ABERPORTH	103.7	98.3	d	d	d	a	d	d	d	d	d	d	d	d	d
D201H: ABERPORTH	85.3	76.3	d	d	d	a	d	d	d	d	d	d	d	d	d
D401: BALLYKINLER	121.0	134.9	d	d	d	a	d	d	d	d	d	d	d	d	d
D402A: LUCE BAY (N)	101.2	126.7	d	d	d	a	d	d	d	d	d	d	d	d	d
D402B: LUCE BAY (N)	129.6	155.9	d	d	d	a	d	d	d	d	d	d	d	d	d
D402C: LUCE BAY (N)	134.9	160.7	d	d	d	a	d	d	d	d	d	d	d	d	d
D403: LUCE BAY	98.7	125.1	d	d	d	a	d	d	d	d	d	d	d	d	d
D403A: LUCE BAY	121.9	147.3	d	d	d	a	d	d	d	d	d	d	d	d	d
D405: KIRKCUDBRIGHT	76.8	104.4	d	d	d	a	d	d	d	d	d	d	d	d	d
D406: ESKMEALS	35.1	57.7	d	e	e	a	d	e	a	d	d	d	d	d	d
D406B: ESKMEALS	31.2	58.5	d	e	e	a	d	e	a	d	d	d	d	d	d

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics
D406C: ESKMEALS	31.2	58.5	d	e	e	a	d	e	a	d	d	d	d	d
D509: CAMPBELTOWN	149.3	174.1	d	d	d	a	d	d	d	d	d	d	d	d
Isle of Man	46.4	66.7	d	d	d	d	d	d	d	d	d	b	d	d
X5306: Altcar	41.0	40.4	d	e	e	a	d	e	a	d	d	d	d	d
X5402: ARDGLASS	88.8	100.9	d	d	d	a	d	d	d	d	d	d	d	d
X5403: PEEL	62.6	78.8	d	d	d	a	d	d	d	d	d	d	d	d
X5406: JUNIPER ROCK	140.9	165.7	d	d	d	a	d	d	d	d	d	d	d	d
X5407: MAGEE	118.0	141.0	d	d	d	a	d	d	d	d	d	d	d	d
X5408: BEAUFORT	108.5	133.1	d	d	d	a	d	d	d	d	d	d	d	d
X5525: BALLANTRAE	149.3	174.1	d	d	d	a	d	d	d	d	d	d	d	d
X5526: CORSEWALL	149.3	174.1	d	d	d	a	d	d	d	d	d	d	d	d
X5527: MAIDEN	149.8	171.2	d	d	d	a	d	d	d	d	d	d	d	d

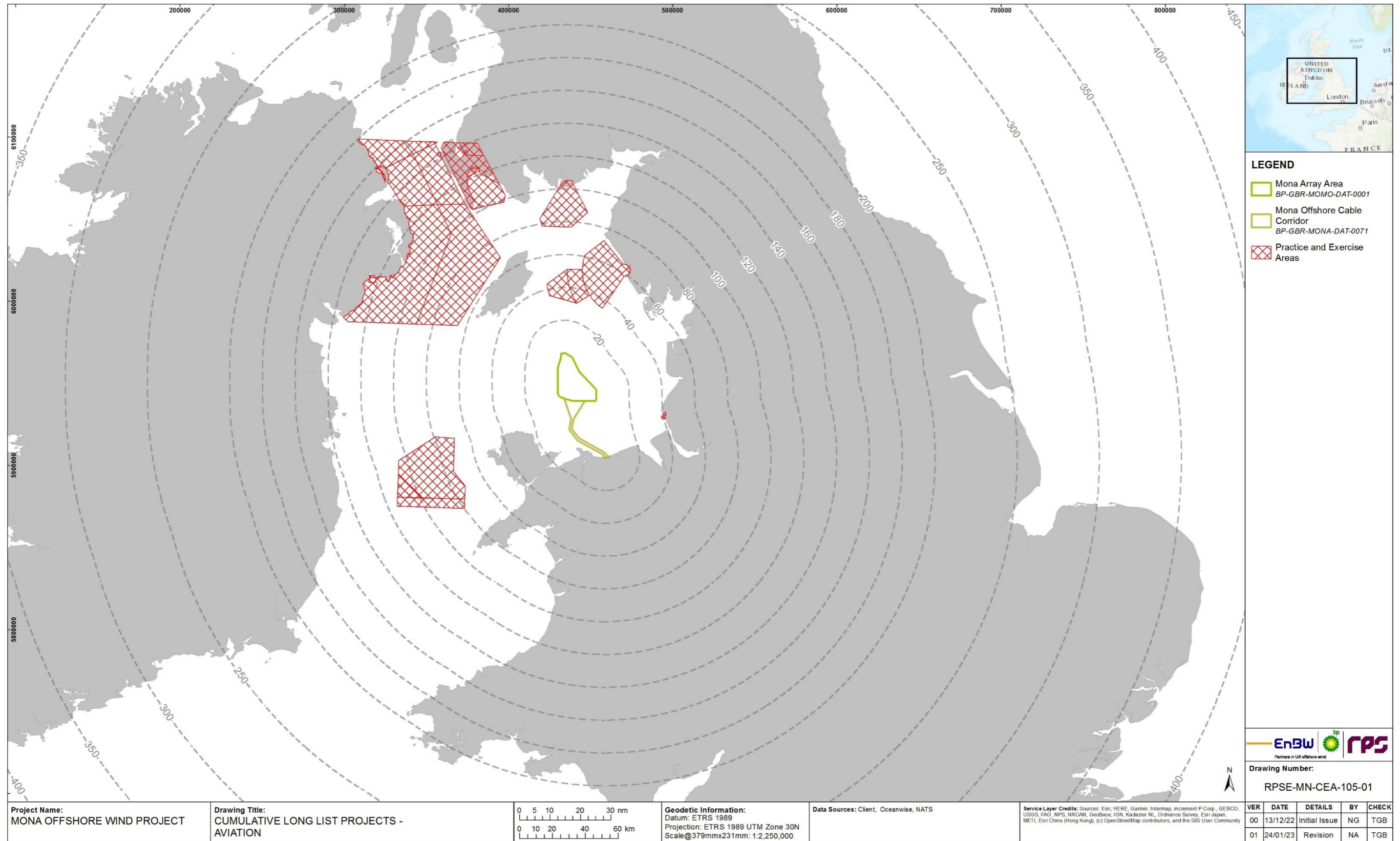


Figure 1.13: Military, aviation and radar projects, plans and activities considered in the Mona Offshore Wind Project CEA.

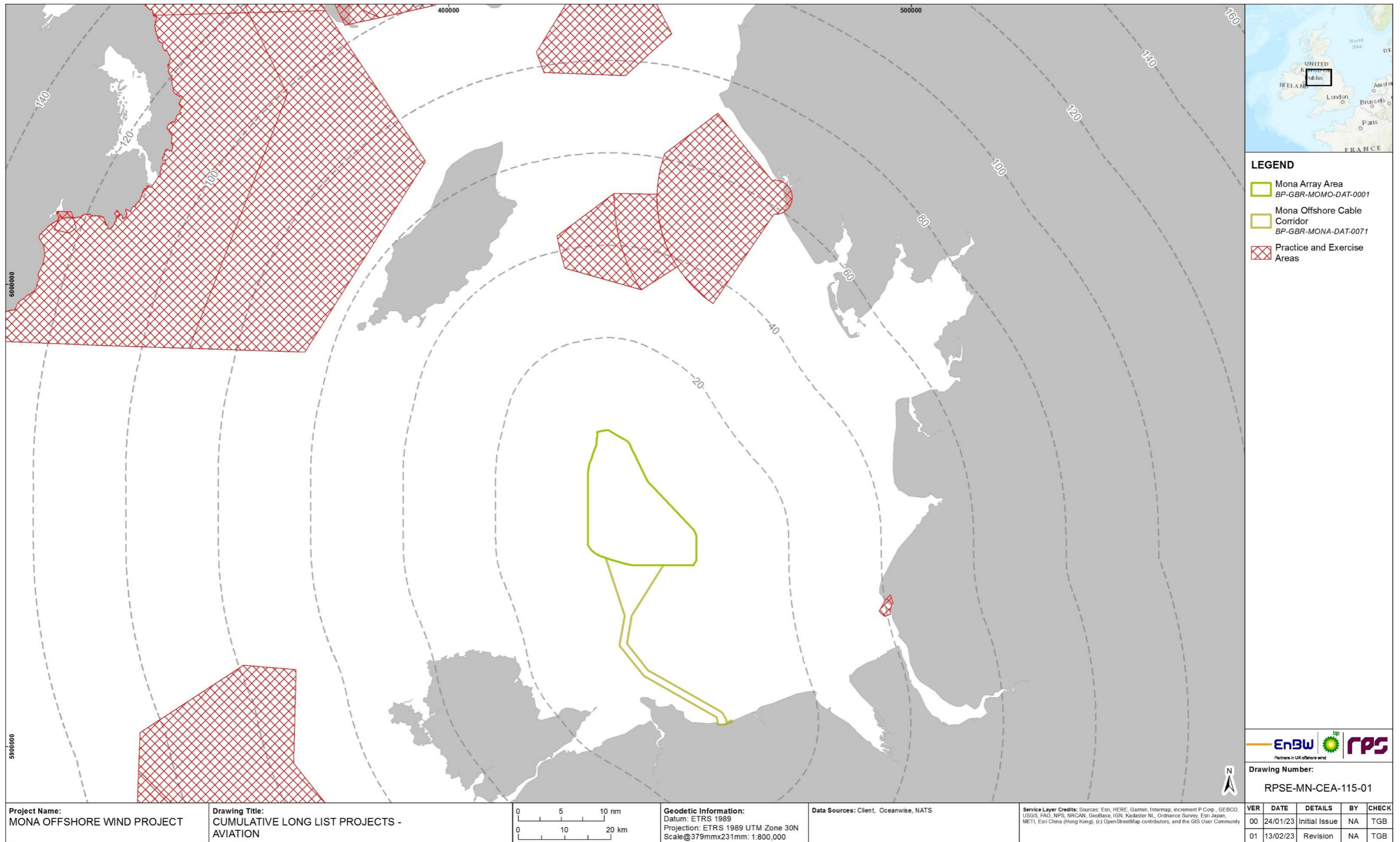


Figure 1.14: Military, aviation and radar projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.20 Offshore Cumulative Effects Matrix - Coastal - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

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

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
304888: Dublin Port, off Jetty Road and Breakwater Road South, Terminal Road South, Alexandra Road Extension, Alexandra Road, Tolka Quay Road and Promenade Road, Dublin 1 and 3.	An Bord Pleanála	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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																	
727 - Simulated oil spill spraying operations	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The scheme consists of refurbishing the remaining eastern section of the inner flood embankment (approximately 2km) and then breaching the outer embankment at four locations to allow the land in-between to revert back to intertidal habitat.	Operational																	
Belfast Flood Alleviation Scheme	DAERA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	There will be a 215m stretch of in-river piling works required along the existing Ravenhill Quay Wall. The existing quay wall has visible structural impairments. Sheet piles will be installed at a distance of between 5-10m from existing wall and backfilling behind this will stabilise the quay wall.	Submitted but not yet determined																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Bord Gais Networks Dublin. Ref No. FS006104	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Foreshore licence application for a gas pipeline trenchless crossing of River Tolka, Dublin.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Bridle Footbridge Replacement	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Bridle footbridge carries bridleway 37 and 79 along the south bank of the River Ribble crossing a tributary. The existing 12m span bridge was demolished following flood damage in February 2020. This scheme is for the replacement of this bridge. A 20m span, 3.5m wide bridge will be installed at a minimum of 1.3m higher than the pre-existing.	Operational	Yellow													
Broadmeadow Way Greenway PL06F.304624 (FS006909)	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Fingal County Council proposes to develop the Broadmeadow Way, a new greenway (shared footpath and cycleway).	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
CBC1 W16107 Leven Viaduct	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow												
CBC1 W170100 Threadlow Point Embankment	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The defence comprises an embankment variously protected by roughly dressed masonry pitching, rock armour and gabion baskets. Carry out essential repairs to enhance the resilience of the defence to maintain the upkeep of the asset and public safety.	Submitted but not yet determined	Yellow													

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
CBC1 W21050 Parton to Harrington Sea Wall No 3	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Parton to Harrington Sea Wall No. 3 is a 0.45km 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	Yellow	Yellow	Yellow	Yellow										
CBC1 W6158 Meathop Embankment	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow											
CBC1 W630675 Calder Viaduct and Approaches	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The project’s aim is to repair the existing defences to prevent further erosion and ensure the continued stability of the railway.	Operational	Yellow	Yellow												
CBC1/W670350 Nethertown - St Bees Sea Walls	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow												
CBC2 W30150 Parton - Harrington Sea Walls No.5 (157998)	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Parton - Harrington Sea Walls No.5 is a 1.3km 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	Yellow	Yellow												

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
Clearance of Seawater Intake at BAE Systems (Barrow)	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Seawater clearance.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow						
Coastal defence repair and Improvement at Barmouth Bay Holiday Village	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Construction, Flood defence scheme. The flood defence would prevent overtopping during 1 in 100 year fluvial and 1 in 1000 year tidal events.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow						
Coastal Monitoring Wave Buoy Network	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow						
Construction of new berthing facilities at D3, Belfast Harbour	DAERA	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Submitted but not yet determined														
Cumbria Coastal Activities Centre Slipway	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 38m long by 4.5m 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	Yellow	Yellow												

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Devonshire Dock Quay	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Dublin City Council Cycleway Ref No. FS006503	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Construction of approximately 2km of segregated pedestrian and cyclist facilities.	Submitted but not yet determined													
Dublin Port Company MP2 Project	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 zone, dredging and ancillary site works.	Submitted but not yet determined													
Dubmill Point Repairing of Groynes	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Cumbria County Council proposes to undertake a series of maintenance works to the existing coastal defences at Dubmill Point, near Allonby, Cumbria. The groynes require maintenance and repairs.	Operational	Yellow												
Duddon Estuary pipeline remediation works	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Remediation works for a section of exposed gas pipeline crossing the Duddon Estuary. Deposit of frond mattress,	Operational	Yellow												
Dun Laoghaire Bath refurbishment Ref No. FS005832	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Foreshore lease application for the refurbishment of the dilapidated baths site.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																					
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055								
Dun Laoghaire Harbour Company. Ref No. FS006713	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	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 Ref No. FS006826	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	The proposed works involve the transport to site of rock across the foreshore at Corbawn Lane Beach Access, Shankill, Co Dublin.	Operational																						
Dun Laoghaire. Removal of the Linkspan FS006433	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	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	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	The proposal is to install two Archimedean Screws in the currently disused lock at Eastham.	Operational																						
Fingal County Council. Ref No. 301458	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Construction of a storm water outfall to facilitate a residential development and public infrastructure.	Operational																						
Frazer Ferries Foreshore lease application for construction of a slipway and associated landing facilities for a Car Ferry Reg No. FS005705	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Foreshore lease application for construction of a slipway and associated landing facilities for a car ferry.	Submitted but not yet determined																						

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)														
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	
FS006806 Dublin Port Company Pontoon at Berth 50	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Foreshore lease application for the provision of a new Pontoon at Berth 50 to accommodate Dublin Port Company Tug Boats.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Greater Dublin Drainage Project Ref No. PC0152	An Bord Pleanála	High – Data has been obtained from the developer's website or a consenting authority's portal	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 implemented															
Harbour reclamation	Welsh Marine Planning Portal	High – Data has been obtained from the developer's website or a consenting authority's portal	Undertaking of marine development works comprising the reclamation of 2.6ha area of the harbour (including 1ha already consented in License 10/07/ML/2) and the construction of a 270m solid quay.	Operational	Yellow	Yellow	Yellow												
Hesketh Out Marsh East (HOME) Management Realignment Scheme	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	Saltmarsh recreation by managed realignment at Hesketh Out Marsh.	Operational	Yellow														
Howley Weir	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	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 160kW and an average annual energy production of 0.5GWh.	Under construction	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Independent Pipeline Company Ltd. Ref No. FS005704	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Foreshore licence application for an aviation fuel pipeline under the River Tolka.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Irish Water – Arklow Ref no. 300304 (FS006614)	Irish Government	High – Data has been obtained from the developer's website or a	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															

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		consenting authority's portal																
Irish Water- Dun Laoghaire. Ref No. FS006543	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Foreshore licence application for extending the storm water outfall out to the sea below MLWS.	Submitted but not yet determined														
Irish Water Greater Dublin Drainage Outfall FS006843	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Application for a Foreshore Licence to enable the construction of a 5.2km marine section of a total 5.9km outfall pipeline, including a multipoint marine diffuser, as part of the Greater Dublin Drainage Project.	Submitted but not yet determined														
Irish Water Omeath Sewerage Scheme. Ref No. FS006575	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	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. Ref No. FS005738	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Foreshore licence application to replace existing outfall for Swords waste water treatment expansion.	Operational														
Irish Water- Loughshinny. Ref No. FS005749	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	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. Ref No. FS005745	Irish Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Foreshore licence application for an emergency outflow pipe for the pumping station at Lusk waste water treatment plant.	Operational														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Isle of Man Interconnector Cable - Cable Protection Remedial Works	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Isle of Man to UK Interconnector Cable - Maintenance and Repair	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Kirkby-in-Furness Down	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The project aim is to replace 388yds of running rails on one of the two sets of track at the location, which includes a small viaduct over a tidal channel known as Kirkby Pool.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Liverpool South Dock Wall Repairs	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	The Liverpool south dock wall (River Walk) runs adjacent to the Albert dock complex, over a period of time voids have developed on the seaward side of the main retaining dock wall. This project aims to repoint and fill these voids with new stone to help support the remainder of the wall avoiding major costly works in the near future.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Llandudno Firework display	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Marine licence application for explosives below MHWS - firework display.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Lune Viaduct Spans 8 to 10	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Network Rail have instructed AmcoGiffen to provide a core report for the foundations of Piers 2 and 3 of the Lune Viaduct (SD 47150 62340) in order to prove foundation depths and the underlying material composition.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Marker buoy placement: Ormonde Dropped Object	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Marker boy for dropped objects (a rotor and three wind turbine blades) at the Ormonde Offshore Wind Farm.	Operational																	
Middleton Wastewater Treatment Works Long Sea Outfall - Maintenance	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Maintenance activities.	Operational																	
National Grid Transmission	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Construction, deposit, removal.	Operational																	
Navigation Marker Framework	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Inspection, maintenance and repair of United Utilities Navigation Markers.	Operational																	
Network Rail - Brantsy to Parton	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Repairs to Brantsy to Parton sea wall - a 1.65km long coastal defence located adjacent to the town of Whitehaven in Cumbria. The defence commences north of Whitehaven station and ends at Tanyard Bay, south of Parton station.	Operational																	
Opening of Afon Dysynni channel for internal drain ditches and flood risk	Welsh Marine Planning Portal	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Deposit and removal.	Operational																	
Preston & South Ribble Flood Risk Management Scheme - Phases 1 and 2	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
			stretch of the Darwen from the confluence with the Ribble up to Higher Walton.																		
Project Neptune Natural Revetment	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Associated British Ports (ABP) Fleetwood is proposing to undertake works to a suspended quay and part of the dock walls in Fish Dock, Port of Fleetwood. The proposed works will involve the removal of the derelict suspended quay and sheet piled wall and the creation of an ecologically favourable landscaped revetment in its place.	Operational																	
Rathdown Upper and Rathdown Lower/Greystones Harbour and North Beach, Greystones, Co. Wicklow	An Bord Pleanála	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Integrated harbour/marina mixed development at Rathdown Upper and Rathdown Lower/Greystones Harbour and North Beach, Greystones, Co. Wicklow	Operational																	
Ravensburg Ltd. Ref No. FS006433	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 – Data has been obtained from the developer’s website or a consenting authority’s portal	215m Stretch of in-river piling to prevent further collapse of Ravenhill Quay Wall. Installation of sheet piles.	Operational																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
RNLI North Division - Regional Licence for Low Impact Maintenance Works	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 associated with safety of lifeboat launch and recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging	Operational	Yellow	Yellow	Yellow	Yellow	Yellow									
Rock armour maintenance work at Caldy Golf Club	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Maintenance of existing rock armour coastal defences on the banks of the River Dee.	Operational	Yellow													
Routine maintenance, inspection and testing at Heysham 2 power station	MMO	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Themed inspection examining control and supervision of operations and maintenance.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow								
SID Ref: 306177: Seabank, Castlebellingham, Co. Louth and Salterstown, Annagassan, Co. Louth.	An Bord Pleanála	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Coastal protection works at two locations within the Dundalk Bay SAC and SPA.	Operational	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Techworks Marine Foreshore Lease/Licence application for placement of monitoring buoys. Ref No. FS006758	Irish Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Foreshore Lease/Licence application for placement of monitoring buoys.	Operational														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
The People's Project - Bramley-Moore Dock	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	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 of Bramley-Moore Dock (BMD), Regent Road, Liverpool.	Operational	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Tintern Wireworks Bridge Refurbishment	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	Tintern Wireworks Bridge refurbishment. The proposed works are for refurbishment and strengthening of the bridge to reinstate vehicle access up to three tonnes and adequate pedestrian access.	Operational	Yellow												
Trial seaweed farm	The Welsh Marine Planning Portal	High – Data has been obtained from the developer's website or a consenting authority's portal	Trial seaweed farm. Will be the first community owned Seaweed and Shellfish farm in Wales.	Operational	Yellow	Yellow	Yellow										
Walney Channel Sewer Maintenance	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	The sewer in the Walney Channel, Barrow suffers from ingress and we are proposing to carry out minor maintenance works to remove the existing manhole covers, carry out CCTV to confirm the condition of the sewer and then replace the covers including any concrete repairs on a like for like basis as required.	Operational	Yellow												
Walney Island Causeway Remedials	MMO	High – Data has been obtained from the developer's website or a consenting authority's portal	The causeway connects Barrow in Furness with Walney Island. These works would include pre-fabricating 4 x reinforced concrete posts and 1 x 6ftx3ft concrete slab and storing them close off site until low tide so they can be installed at the appropriate time.	Operational	Yellow												

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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
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 (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	Aviation and radar	Socio-economics	
304888: Dublin Port, off Jetty Road and Breakwater Road South, Terminal Road South, Alexandra Road Extension, Alexandra Road, Tolka Quay Road and Promenade Road, Dublin 1 and 3.	137.9	141.0	d	d	d	d	d	d	d	d	d	d	d	d	d
727 - Simulated oil spill spraying operations	0.0	1.2	d	e	e	a	d	a	a	d	d	d	d	d	d
Belfast Flood Alleviation Scheme	147.3	165.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Bord Gais Networks Dublin. Ref No. FS006104	147.8	151.0	d	d	d	a	d	d	d	d	d	d	d	d	d
Bridle Footbridge Replacement	66.7	74.9	d	d	d	a	d	d	d	d	d	d	d	d	d
Broadmeadow Way Greenway PL06F.304624 (FS006909)	140.1	143.6	d	d	d	a	d	d	d	d	d	d	d	d	d
CBC1 W16107 Leven Viaduct	70.6	83.6	d	d	d	a	d	d	d	d	d	d	d	d	d
CBC1 W170100 Threadlow Point Embankment	70.3	83.5	d	d	d	d	d	d	d	d	d	d	d	d	d

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics		
CBC1 W21050 Parton to Harrington Sea Wall No 3	84.2	109.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d
CBC1 W6158 Meathop Embankment	78.5	89.6	d	d	d	a	d	d	d	d	d	d	d	d	d	d
CBC1 W630675 Calder Viaduct and Approaches	69.1	92.4	d	d	d	a	d	d	d	d	d	d	d	d	d	d
CBC1/W670350 Nethertown - St Bees Sea Walls	73.7	98.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d
CBC2 W30150 Parton - Harrington Sea Walls No.5 (157998)	86.1	111.8	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Clearance of Seawater Intake at BAE Systems (Barrow)	54.1	67.2	d	d	d	a	d	a	a	d	d	d	d	d	d	d
Coastal defence repair and Improvement at Barmouth Bay Holiday Village	92.9	66.2	d	d	d	a	d	d	a	d	d	d	d	d	d	d
Coastal Monitoring Wave Buoy Network	42.3	52.1	d	d	d	a	d	a	a	d	d	a	d	d	d	d
Construction of new berthing facilities at D3, Belfast Harbour	147.9	167.2	d	d	d	d	d	f	d	d	d	d	d	d	d	d
Cumbria Coastal Activities Centre Slipway	81.0	106.7	d	d	d	d	d	f	d	d	d	d	d	d	d	d
Devonshire Dock Quay	54.7	68.2	d	d	d	a	d	d	d	d	d	d	d	d	d	d
Dublin City Council Cycleway Ref No. FS006503	142.7	145.9	d	d	d	d	d	f	d	d	d	d	d	d	d	d
Dublin Port Company MP2 Project	135.2	138.4	d	d	d	d	d	d	e	d	d	d	d	d	d	d
Dubmill Point Repairing of Groynes	109.6	134.6	d	d	d	d	d	f	d	d	d	d	d	d	d	d
Duddon Estuary pipeline remediation works	60.5	76.7	d	f	f	f	d	f	f	d	d	d	d	d	d	d
Dun Laoghaire Bath refurbishment Ref No. FS005832	142.7	145.8	d	d	d	a	d	d	d	d	d	d	d	d	d	d
Dun Laoghaire Harbour Company. Ref No. FS006713	142.3	145.4	d	d	d	d	d	f	d	d	d	d	d	d	d	d
Dun Laoghaire Rathdown County Council - Corbawn Lawn Ref No. FS006826	143.5	145.7	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Dun Laoghaire. Removal of the Linkspan FS006433	142.9	145.9	d	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 (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	Aviation and radar	Socio-economics
Eastham Hydropower Project	59.3	43.5	d	f	f	d	d	f	d	d	d	d	d	d
Fingal County Council. Ref No. 301458	140.4	143.7	d	d	d	d	d	d	d	d	d	d	d	d
Frazer Ferries Foreshore lease application for construction of a slipway and associated landing facilities for a Car Ferry Reg No. FS005705	136.8	146.1	d	d	d	d	d	f	d	d	d	d	d	d
FS006806 Dublin Port Company Pontoon at Berth 50	145.8	149.0	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	f	d	d	d	d	d	d	d	d
Harbour reclamation	42.5	21.9	d	f	f	a	d	f	d	d	d	d	d	d
Hesketh Out Marsh East (HOME) Management Realignment Scheme	55.3	63.5	d	d	d	f	d	f	f	d	d	d	d	d
Howley Weir	78.5	68.6	d	d	d	a	d	f	d	d	d	d	d	d
Independent Pipeline Company Ltd. Ref No. FS005704	147.7	151.0	d	d	d	a	d	d	d	d	d	d	d	d
Irish Water - Arklow Ref no. 300304 (FS006614)	165.3	161.1	d	d	d	f	d	d	d	d	d	d	d	d
Irish Water- Dun Laoghaire. Ref No. FS006543	142.6	145.6	d	d	d	f	d	d	d	d	d	d	d	d
Irish Water Greater Dublin Drainage Outfall FS006843	134.5	137.8	d	d	d	f	d	d	d	d	d	d	d	d
Irish Water Omeath Sewerage Scheme. Ref No. FS006575	148.4	158.0	d	d	d	a	d	d	d	d	d	d	d	d
Irish Water- Swords. Ref No. FS005738	143.6	147.1	d	d	d	a	d	d	d	d	d	d	d	d
Irish Water-Loughshinny. Ref No. FS005749	134.4	138.0	d	d	d	a	d	d	d	d	d	d	d	d
Irish Water-Lusk. Ref No. FS005745	138.8	142.3	d	d	d	a	d	d	d	d	d	d	d	d
Isle of Man Interconnector Cable - Cable Protection Remedial Works	20.6	40.1	d	c	d	a	d	b	a	d	a	c	d	d
Isle of Man to UK Interconnector Cable - Maintenance and Repair	17.8	37.0	d	d	d	a	d	b	a	a	a	c	d	d
Kirkby-in-Furness Down	65.9	81.9	d	d	d	a	d	f	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 (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	Aviation and radar	Socio-economics
Liverpool South Dock Wall Repairs	52.3	41.8	d	f	f	f	d	f	f	d	d	d	d	d
Llandudno Firework display	30.2	4.1	d	f	f	f	d	f	f	d	d	d	d	d
Lune Viaduct Spans 8 to 10	73.3	83.1	d	d	d	a	d	f	d	d	d	d	d	d
Marker buoy placement: Ormonde Dropped Object	42.1	58.3	d	f	f	f	d	f	f	d	d	d	d	d
Middleton Wastewater Treatment Works Long Sea Outfall - Maintenance	63.9	73.8	d	f	f	f	d	f	f	d	d	d	d	d
National Grid Transmission	75.4	49.9	d	d	d	a	d	d	d	d	d	d	d	d
Navigation Marker Framework	70.2	80.1	d	d	d	a	d	f	f	d	d	d	d	d
Network Rail - Brantsy to Parton	82.6	108.2	d	d	d	a	d	f	d	d	d	d	d	d
Opening of Afon Dysynni channel for internal drain ditches and flood risk	111.1	83.0	d	d	d	f	d	f	f	d	d	d	d	d
Preston & South Ribble Flood Risk Management Scheme - Phases 1 and 2	66.0	74.2	d	d	d	d	d	f	d	d	d	d	d	d
Project Neptune Natural Revetment	53.2	62.8	d	d	d	d	d	f	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	d	d	d	d	d	d	d	d	d
Ravensburg Ltd. Ref No. FS006433	148.6	151.8	d	d	d	f	d	d	d	d	d	d	d	d
Revetmant Repairs, Belfast	146.6	164.9	d	d	d	d	dd	f	d	d	d	d	d	d
RNLI North Division - Regional Licence for Low Impact Maintenance Works	47.5	40.3	d	d	d	a	d	a	a	d	d	d	d	d
Rock armour maintenance work at Caldy Golf Club	45.0	29.2	d	f	f	f	d	f	f	d	d	d	d	d
Routine maintenance, inspection and testing at Heysham 2 power station	65.4	75.3	d	d	d	a	d	a	a	d	d	d	d	d
SID Ref: 306177: Seabank, Castlebellingham, Co. Louth and Salterstown, Annagassan, Co. Louth.	148.5	155.3	d	d	d	d	d	d	d	d	d	d	d	d
Techworks Marine Foreshore Lease/Licence application for placement of monitoring buoys. Ref No. FS006758	135.9	139.0	d	d	d	a	d	d	d	d	d	d	d	d

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Offshore Cable Corridor (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	Aviation and radar	Socio-economics	
The People's Project - Bramley-Moore Dock	49.9	41.4	d	d	d	a	d	d	d	d	d	d	a	d	d
Tintern Wireworks Bridge Refurbishment	222.5	187.8	d	d	d	f	d	f	f	d	d	d	d	d	d
Trial seaweed farm	213.3	195.0	d	d	d	f	d	f	f	d	d	d	d	d	d
Walney Channel Sewer Maintenance	54.2	68.3	d	f	f	f	d	f	f	d	d	d	d	d	d
Walney Island Causeway Remedials	54.4	68.6	d	d	d	a	d	f	d	d	d	d	d	d	d

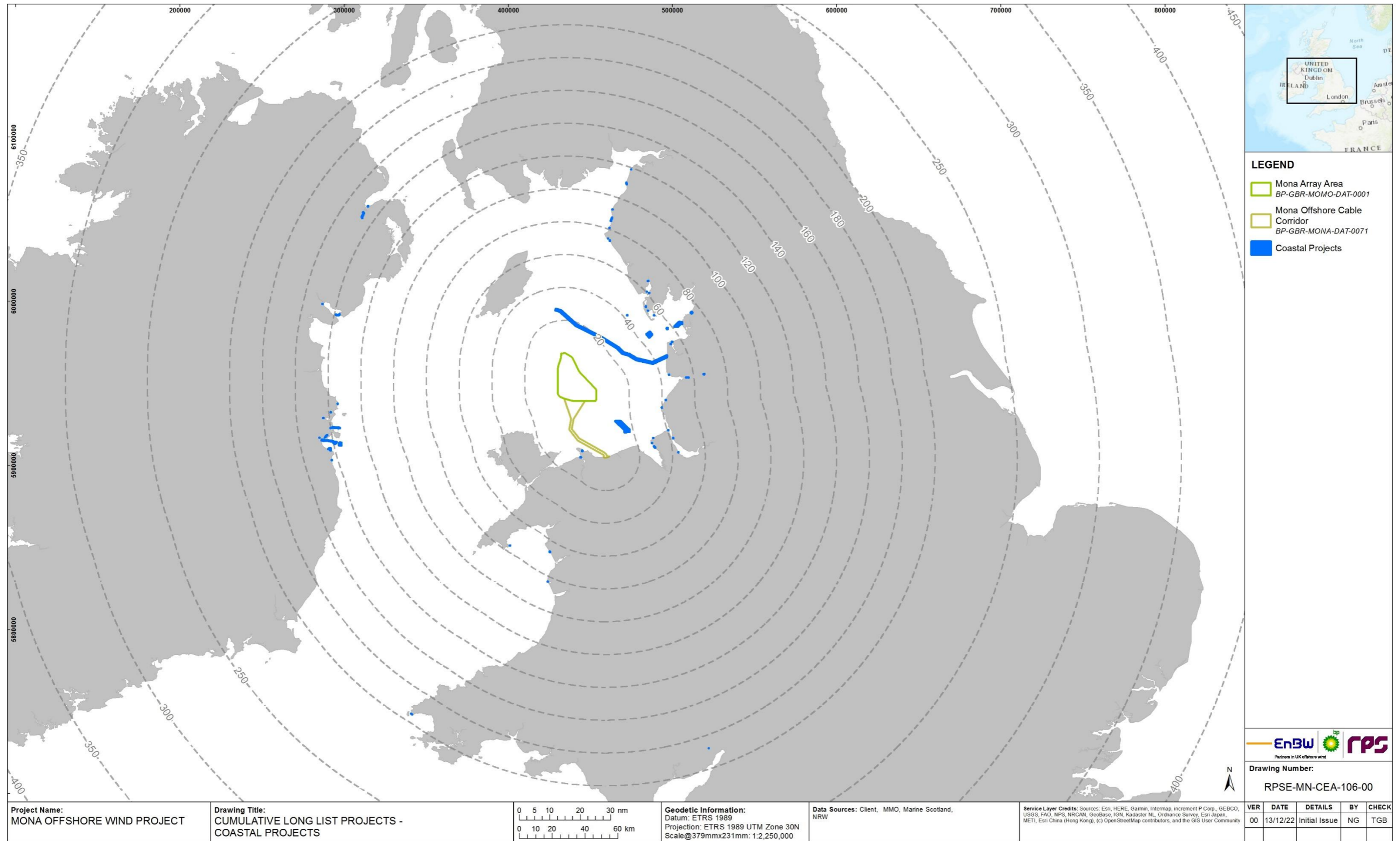


Figure 1.15: Coastal projects, plans and activities considered in the Mona Offshore Wind Project CEA.

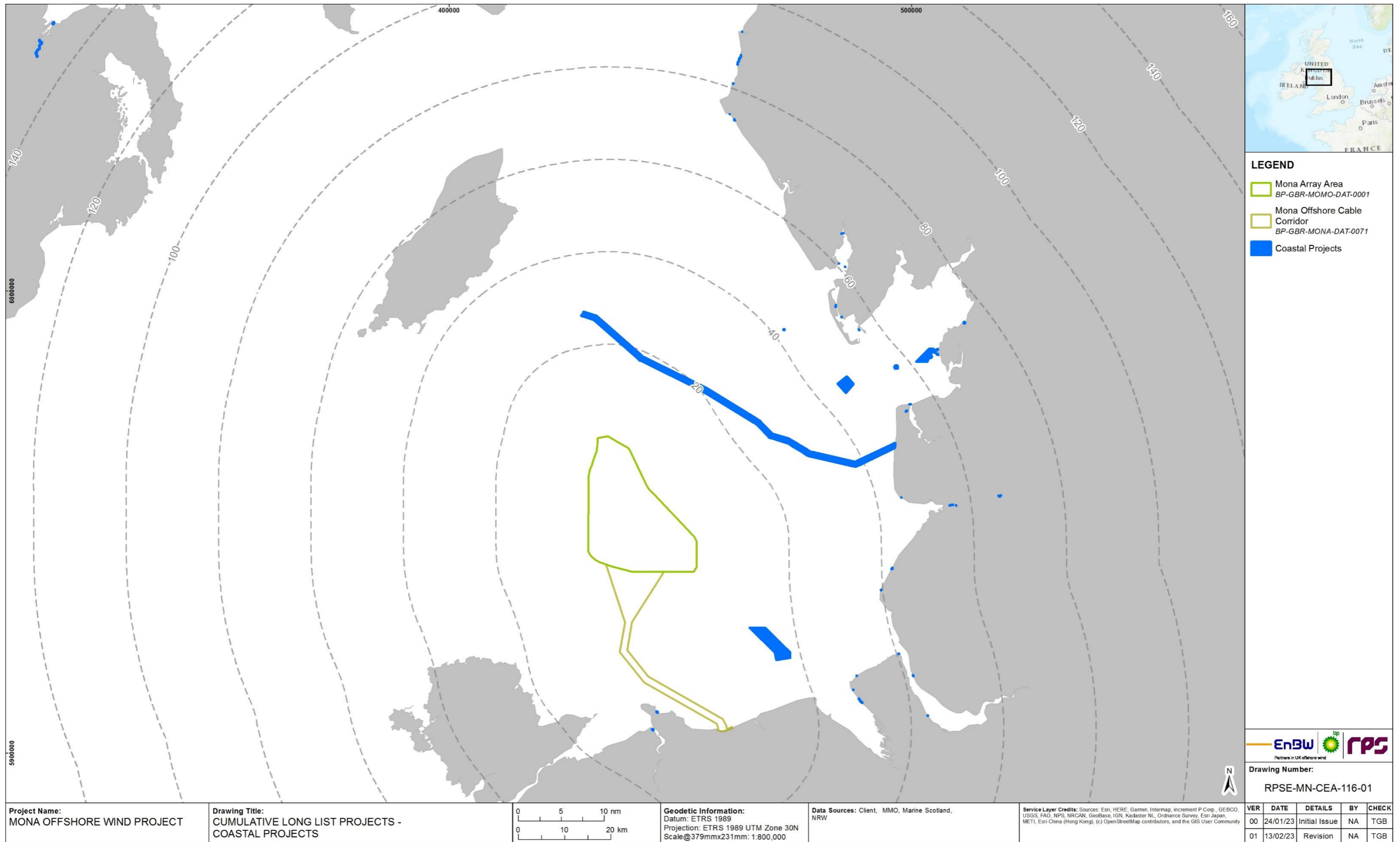


Figure 1.16: Coastal projects, plans and activities considered in the Mona Offshore Wind Project CEA (zoomed to the east Irish Sea).

1.22 Onshore Cumulative Effects Matrix - Local Plan Site Allocations

1.22.1.1 A full list of local plan site allocations within the onshore topic study areas (listed in Table 1.2) has been compiled as part of the cumulative effects screening for the Mona Offshore Wind Project. Following a full CEA none of these local plan site allocations are assessed to have a cumulative effect with the Mona Offshore Wind Project, and therefore the full list has not been included here. However, the full list of local plan site allocations can be provided on request, and they are shown in Figure 1.17 and Figure 1.18. If/when local plan site allocations have been confirmed prior to the Mona Offshore Wind Project application, they will be assessed and included in the Environmental Statement.

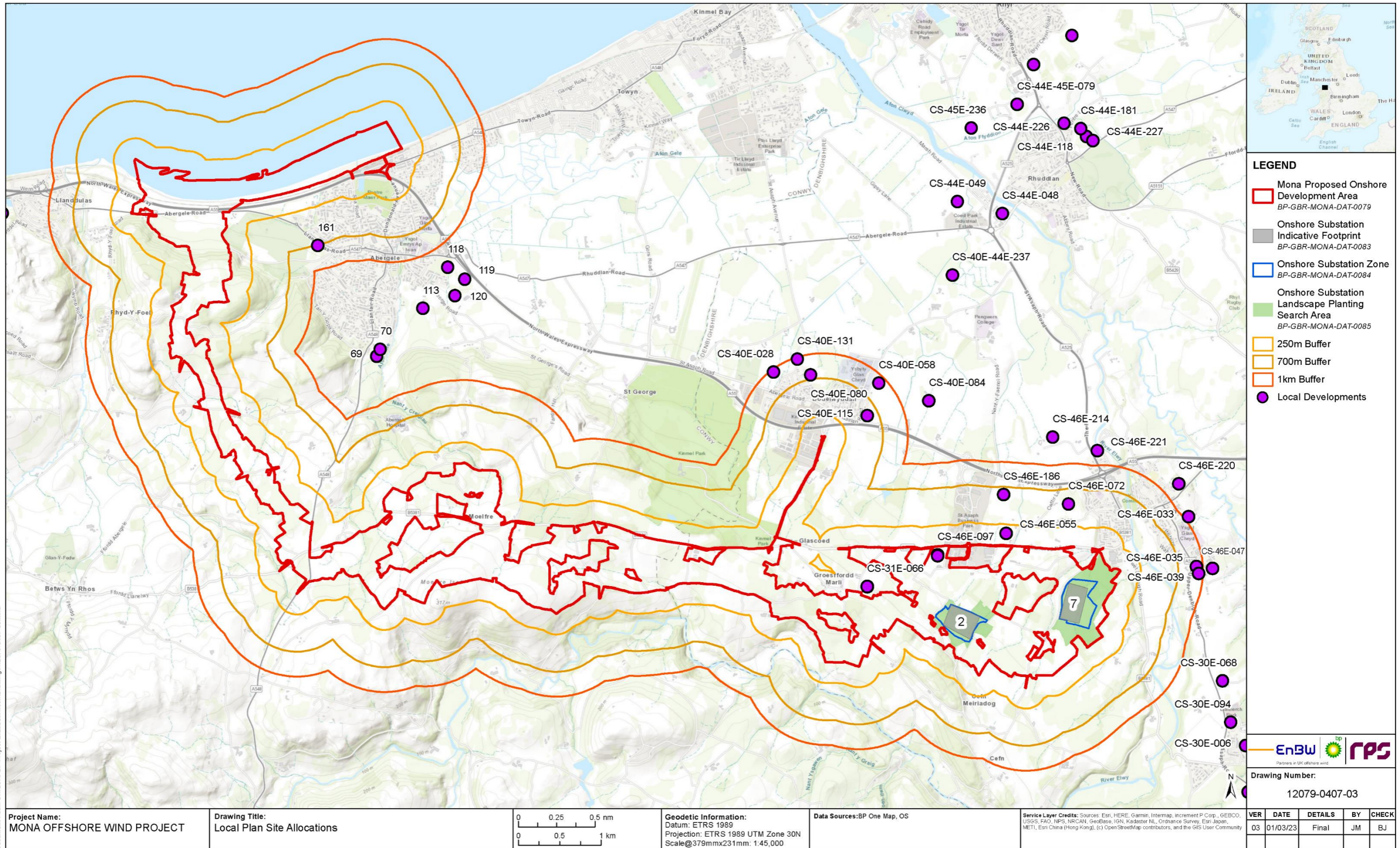


Figure 1.17: Local plan site allocations located within 1km from the Mona Proposed Onshore Development Area.

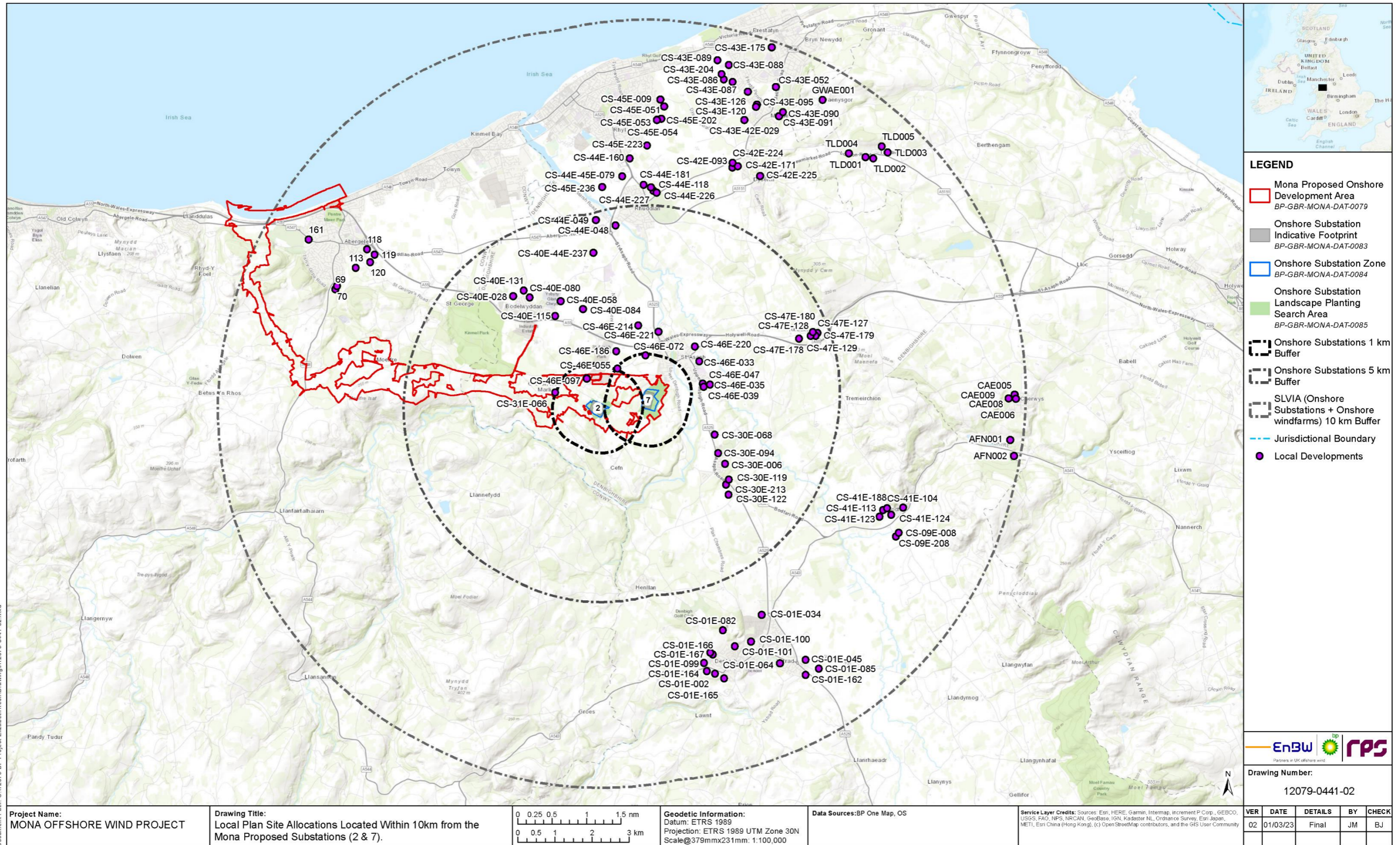


Figure 1.18: Local plan site allocations located within 10km from the Mona Proposed Substations (Options 2 and 7).

1.23 Onshore Cumulative Effects Matrix - Onshore Major Developments - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

1.23.1.1 The following onshore major development projects, plans and activities are shown in Figure 1.19 and Figure 1.20.

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)															
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055		
Major Development: 0/37538	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	New Centre for Wildlife Skills and Education	Approved within last 5 years																
Major Development: 0/40735	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Demolition of the existing buildings and erection of apartments for persons over the age of 55 (Outline Planning Permission)	Approved within last 5 years																
Major Development: 0/40735	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Proposed Residential Development of 54 Dwellings, including conversion of existing Manor House and associated amenities and parking	Approved within last 5 years																
Major Development: 0/42343	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of Land Opposite Bryn Rodyn, (Dolwen Road) Old Colwyn, for residential housing (Outline Planning Permission) (Phase 2)	Approved within last 5 years																
Major Development: 0/42351	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of Land Opposite Bryn Rodyn, (Dolwen Road) Old Colwyn, for residential housing (Outline Planning Permission) (Phase 1)	Approved within last 5 years																
Major Development: 0/42900	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 156 dwellings, access works and landscaping	Approved within last 5 years																

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																						
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055									
Major Development: 0/43047	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/43058	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Proposed change of house types with the addition of 6 plots	Approved within last 5 years																							
Major Development: 0/43072	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Redevelopment of Land for the Erection of 18 Apartments and associated works	Approved within last 5 years																							
Major Development: 0/43465	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/43522	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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)	Approved within last 5 years																							
Major Development: 0/43706	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Demolition of 1 dwelling and the erection of 12 apartments	Approved within last 5 years																							
Major Development: 0/43785	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Redevelopment to create up to 54 apartments, commercial (A3) floorspace, and related access and parking	Approved within last 5 years																							
Major Development: 0/43877	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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)	Approved within last 5 years																							

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																						
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055									
Major Development: 0/43983	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/44019	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Conversion and roof extension of St John’s Church House (currently a children’s play centre) into 10 residential apartments	Approved within last 5 years																							
Major Development: 0/44046	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/44087	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Conversion of and extension to vacant doctors surgery to form 14 apartments	Approved within last 5 years																							
Major Development: 0/44106	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/44133	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/44389	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/44390	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
			storage area, access and other infrastructure, demolition of former house and outbuildings																		
Major Development: 0/44478	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																	
Major Development: 0/44548	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Proposed residential development comprising 52 dwellings and associated roads and open space	Approved within last 5 years																	
Major Development: 0/44621	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																	
Major Development: 0/44663	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																	
Major Development: 0/44795	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Light Industrial Park consisting of a range of industrial units, site access, drainage infrastructure and other ancillary elements including landscaping (Outline)	Approved within last 5 years																	
Major Development: 0/44796	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Construction of a Light Industrial Unit	Approved within last 5 years																	
Major Development: 0/44859	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Residential development of 22 dwellings and associated infrastructure	Approved within last 5 years																	
Major Development: 0/44905	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of a free range egg production unit including silos and all associated works	Approved within last 5 years																	
Major Development: 0/45158	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Approval of matters reserved in respect of outline planning permission 0/42343 (Development of Land Opposite Bryn Rodyn, (Dolwen Road) Old	Approved within last 5 years																	

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			Colwyn, for residential housing (Outline Planning Permission) (Phase 2))															
Major Development: 0/45161	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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))	Approved within last 5 years														
Major Development: 0/45260	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years														
Major Development: 0/45297	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 73 dwellings, access and open space	Approved within last 5 years														
Major Development: 0/45373	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of a free range egg production unit including silos and all associated works	Approved within last 5 years														
Major Development: 0/45413	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Construction of a cattle shed (Planning Application Reference: 0/45413)	Approved within last 5 years														
Major Development: 0/45445	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of 31 bedroom apartments on the site of the former Edelweiss Hotel	Approved within last 5 years														
Major Development: 0/45480	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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 4.5m and the managers house 5.65m)	Approved within last 5 years														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																						
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055									
Major Development: 0/45515	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/45708	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/45845	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 39 dwellings, public open space and all associated works	Approved within last 5 years																							
Major Development: 0/45853	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Outline planning application for the residential development of an allocated housing contingency site	Approved within last 5 years																							
Major Development: 0/45869	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Conversion of public house and erection of new building to form 20 apartments and associated works	Approved within last 5 years																							
Major Development: 0/46130	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 0/46338	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Outline application for residential development (with all matters reserved)	Approved within last 5 years																							
Major Development: 0/46441	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
			other ancillary elements including landscaping (Outline))															
Major Development: 0/46556	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 14 Dwellings, Access and Associated Works	Approved within last 5 years														
Major Development: 0/46652	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Demolition of 30 apartments and erection of 14 affordable dwellings with associated parking, landscaping and public open space	Approved within last 5 years														
Major Development: 0/46795	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years														
Major Development: 0/46906	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years														
Major Development: 0/46977	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years														
Major Development: 0/47217	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Residential Housing Estate consisting of 14. No new residential dwelling houses (Outline Application)	Approved within last 5 years														
Major Development: 0/47438	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years														
Major Development: 0/47520	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Plot substitutions, further to the granting of permissions 0/45297 and 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	Approved within last 5 years														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																					
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055								
			of house types at plots 41, 21 and 22; and associated plot boundary treatment changes to accommodate the proposals																							
Major Development: 0/47526	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Outline application for the residential development of part of a housing allocation on Land at Bryn Hyfryd, School Bank Road, Llanrwst, LL26 0HU	Approved within last 5 years																						
Major Development: 0/47588	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Demolition of outbuildings to the northern boundary, currently deemed of unlawful use and the erection of sand/aggregate bays. Demolition of 3730m2 of B8 and B1 floor space to form yard and hardstanding ancillary to the use of a builders merchants. Subdivision and change of use of 2660m2 floor space of B1 use to mixed B1/B8 to form 6 smaller lettable units. Installation of rooflights for additional daylight within these units. Change of use of the remaining 3380m2 B1 use to form 680m2 of trade counter (B8) and 2700m2 of builders merchants (sui generis). Installation of circa 450m2 of solar panels to southern elevation and the installation of rooflights for additional daylight. Retain 572m2 of office space (over two floors), remaining as B1 use	Approved within last 5 years																						
Major Development: 0/47596	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Construction and operation of two B8 warehousing units (in two phases) with ancillary office space, including preparatory earthworks, hardstandings and associated infrastructure	Approved within last 5 years																						
Major Development: 0/47627	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Planning permission for the use of land for storage of recycled inert materials	Approved within last 5 years																						
Major Development: 0/47926	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Full application for the erection of 29 dwellings together with associated roads and open space	Approved within last 5 years																						
Major Development: 0/47958	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Approval of all matters reserved in respect of outline planning permission 0/46338 (Outline application for residential development (with all matters reserved))	Approved within last 5 years																						
Major Development: 0/47990	Conwy County Borough Council	High – Data has been obtained from the developer’s website	Erection of 21 dwellings (comprising of 8 2 bedroom houses, 8 3 bedroom houses and 5 2	Approved within last 5 years																						

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)													
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055
		or a consenting authority's portal	bedroom bungalows) with associated parking, access and infrastructure															
Major Development: 0/48144	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Development of 77 dwellings comprising 21 houses and 56 apartments together with associated external works	Approved within last 5 years														
Major Development: 0/48148	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Approved within last 5 years														
Major Development: 0/48393	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Details of the appearance of the development and the landscaping to the development site	Approved within last 5 years														
Major Development: 0/48566	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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.	Yet to be determined by LPA														
Major Development: 0/48610	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Yet to be determined by LPA														
Major Development: 0/48964	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Proposed demolition of existing dwelling & associated buildings and the erection of a building providing 15 apartments together with associated development.	Yet to be determined by LPA														
Major Development: 0/49141	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Yet to be determined by LPA														
Major Development: 0/49272	Conwy County Borough Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Approved within last 5 years														

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
			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														
Major Development: 0/49274	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years													
Major Development: 0/49306	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years													
Major Development: 0/49522	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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)	Yet to be determined by LPA													
Major Development: 0/49640	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yet to be determined by LPA													
Major Development: 0/49674	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yet to be determined by LPA													

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																				
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055							
Major Development: 0/49721	Conwy County Borough Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Continued use of land for siting of storage containers	Yet to be determined by LPA																					
Major Development: 01/2015/1240	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Residential Development of 57 Dwellings on Land between Old and New Ruthin Road, Denbigh	Approved within last 5 years																					
Major Development: 01/2016/1241	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																					
Major Development: 01/2019/0646	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																					
Major Development: 01/2019/0744	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 22 affordable dwellings, construction of a new vehicular access and associated works	Approved within last 5 years																					
Major Development: 01/2019/1011	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																					
Major Development: 01/2019/1012	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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).	Approved within last 5 years																					

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																			
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055						
Major Development: 01/2019/1013	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																				
Major Development: 01/2019/1014	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																				
Major Development: 01/2019/1015	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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)	Approved within last 5 years																				
Major Development: 01/2020/0315	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yet to be determined by LPA																				
Major Development: 01/2021/0836	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 7 terraced dwellings, 2 apartment buildings comprising a total of 4 apartments, formation of access, parking, landscaping and associated works	Approved within last 5 years																				
Major Development: 01/2021/0850	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Amendment to approved layout to form an additional 14 touring caravan pitches, internal access tracks and pathways, connection to existing septic tank, planting, landscaping and associated works	Yet to be determined by LPA																				

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Major Development: 02/2018/0889	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Substitution of house types on 42 plots previously consented under reserved matters approval 02/2006/0900/PR	Approved within last 5 years	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 02/2019/0500	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Hybrid application comprising (i) Application for full planning permission for the construction of a foodstore, an employment unit (use class B1/B2/B8) and associated car parking, landscaping, servicing and access, and (ii) Application for outline planning permission for the development of employment units (use class B1/B2/B8) with all matters reserved	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 02/2019/0927	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years	White	White	White	White	White	White	White	White	White	White	White	White	White
Major Development: 02/2020/0724	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 63 affordable dwellings together with access, open space and associated works (amended scheme)	Approved within last 5 years	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 056225	Flintshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Application for approval of details reserved by condition No’s 3 (materials) 7, (foul and surface water) 5, (foul sewer) & 8, (landscaping) (Attached to Application Reference Number: 056225)	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 057024	Flintshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Installation of a 17.5m monopole with 3 antennas, 1 600mm transmission dish, 3 equipment cabinets and 1 meter cabinet set within a stock proof fence compound and new gate	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 057261	Flintshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 4 storey extra-Care building to accommodate 44 single bed apartments and 11 two bed apartments with supporting accommodation	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 057623	Flintshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Change of use of land to mixed-use holiday and leisure park (Application Reference Number: 057623)	Approved within last 5 years	White	White	White	White	White	White	White	White	White	White	White	White	White
Major Development: 057865	Flintshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 44 dwellings with ancillary parking, open space and new access	Approved within last 5 years	White	White	White	White	White	White	White	White	White	White	White	White	White

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																			
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055						
Major Development: 16/2018/1137	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 38 dwellings, construction of a new vehicular access, provision of open space and associated works	Approved within last 5 years																				
Major Development: 16/2021/1109	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 18 dwellings, construction of a new vehicular access and associated works	Yet to be determined by LPA																				
Major Development: 18/2018/0526	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Change of use of agricultural land to form a football pitch, siting of porta cabins to provide changing rooms, toilets, showers, committee room and storage facilities and provision of access and parking	Approved within last 5 years																				
Major Development: 18/2020/0594	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Details of the appearance, landscaping and scale of 40 dwellings submitted in accordance with condition 1 of outline permission code 18/2020/0293 (Reserved Matters application)	Approved within last 5 years																				
Major Development: 18/2021/1260	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 40 dwellings, construction of a new vehicular access, landscaping and associated works	Yet to be determined by LPA																				
Major Development: 20/2016/1137	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 63 dwellings with formation of new vehicular access and associated works	Approved within last 5 years																				
Major Development: 20/2017/0819	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of 1.24ha of land by the erection of a new primary school including external play areas, habitat area, formation of new vehicular access, car parking with drop off area, landscaping, bin store, LPG and sprinkler tanks and associated pedestrian links	Approved within last 5 years																				
Major Development: 20/2017/1156	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of a new calf rearing unit comprising two rearing sheds, offices, storage building and midden facility and associated works	Approved within last 5 years																				
Major Development: 22/2014/0626	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of 0.55ha of land for residential purposes and provision of school car parking area (outline application with all matters reserved)	Approved within last 5 years																				
Major Development: 23/2016/0557	Denbighshire County Council	High – Data has been obtained from the developer’s website	Development of 1.2ha of land by the erection of 33 dwellings (outline application including access and layout)	Approved within last 5 years																				

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
		or a consenting authority's portal															
Major Development: 23/2016/1218	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Extension of existing Holiday Park to allow for the siting of 35 Static Holiday Caravans in lieu of 41 Mixed Touring Pitches with the relinquishing of the northern element of the park	Approved within last 5 years													
Major Development: 23/2017/1218	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Demolition of existing hotel buildings and construction of a new 39 bedroom hotel. Revisions to layout of commenced 42 unit holiday lodge park to accommodate a total of 58 lodges, extension of the holiday lodge park involving use of 3 parcels of land for the siting of 31 additional lodges (making a total of 89 lodges). Associated works including new and altered vehicular accesses, highway works, passing places, drainage, retaining structures, bat mitigation building, provision of recreational areas and landscaping	Approved within last 5 years													
Major Development: 23/2021/0927	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Details of appearance, landscaping and scale of 33 dwellings submitted in accordance with condition 1 of outline planning permission code 23/2016/0557 (reserved matters application)	Approved within last 5 years													
Major Development: 24/2016/0330	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Erection of 10 dwellings and associated works	Approved within last 5 years													
Major Development: 24/2018/0206	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Erection of a free range egg production unit including silos and associated works including access	Approved within last 5 years													
Major Development: 30/2018/0969	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Erection of 13 no. affordable dwellings including access, parking and associated works	Approved within last 5 years													
Major Development: 30/2018/1212	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Erection of a milking parlour, dairy cow cubicle building, slurry lagoon, and silage storage and feed area	Approved within last 5 years													
Major Development: 40/2017/1232	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Erection of 7 industrial units with associated parking, landscaping, access road and external storage areas	Approved within last 5 years													

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)															
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055		
Major Development: 40/2021/0309	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of a 198 bed Registered Care Home (Use Class C2), landscaping, parking facilities and associated works (Resubmission)	Approved within last 5 years	Green	Blue	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
Major Development: 40/2021/0825	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 106 dwellings, construction of a new vehicular access and associated works	Yet to be determined by LPA	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Major Development: 42/2018/0923	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 61 dwellings, single and double garages, alterations to existing vehicular access and associated works	Approved within last 5 years	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 42/2018/1150	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 42/2020/0619	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 34 dwellings and associated works (Phase 2)	Approved within last 5 years	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 43/2015/1241	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of 0.51ha of land for the erection of 3 retail units and 20 residential units (outline application with all matters reserved)	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 43/2017/0848	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of a two-storey extension to the hotel	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 43/2017/1100	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Major Development: 43/2017/1121	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Use of land for the siting of an additional 65 touring caravan pitches and 39 timber camping pods, storage building and associated works	Approved within last 5 years	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
Major Development: 43/2018/0900	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Demolition of existing dwelling and erection of 15 unit residential apartment block; construction of a new vehicular access and associated works	Approved within last 5 years																			
Major Development: 43/2019/0730	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 41 affordable dwellings and associated works	Approved within last 5 years																			
Major Development: 43/2020/0023	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of a retail store with garden centre, servicing and car parking areas and associated works	Approved within last 5 years																			
Major Development: 43/2020/0521	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 102 affordable dwellings, associated roads, open space, landscaping and infrastructure (re-submission of planning application 44/2019/0629)	Approved within last 5 years																			
Major Development: 43/2020/0773	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 35 dwellings and associated works	Yet to be determined by LPA																			
Major Development: 43/2020/0843	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																			
Major Development: 44/2018/0855	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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)	Approved within last 5 years																			
Major Development: 44/2020/0346	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																			
Major Development: 44/2021/1023	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Change of use of former foundry site from general industrial (Use class B2) to open storage and distribution (Use class B8)	Yet to be determined by LPA																			
Major Development: 45/2017/0384	Denbighshire County Council	High – Data has been obtained from the developer’s website	Demolition of existing skate park and ancillary retail huts. Construction of new Waterpark and Leisure Attraction comprising: Indoor leisure pool	Approved within last 5 years																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																					
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055								
		or a consenting authority's portal	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																							
Major Development: 45/2017/1164	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Approved within last 5 years																						
Major Development: 45/2018/0123	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Erection of a retail unit with associated parking, access, servicing and landscaping	Approved within last 5 years																						
Major Development: 45/2018/0263	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Demolition of existing building and redevelopment of land by the erection of 18 apartments and associated works	Approved within last 5 years																						
Major Development: 45/2018/0822	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Approved within last 5 years																						
Major Development: 45/2018/1197	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Approved within last 5 years																						
Major Development: 45/2018/1215	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Erection of 109 dwellings and associated works (Phase 5)	Approved within last 5 years																						
Major Development: 45/2020/0096	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	Change of use and alterations to former offices to form a 61 bed, 6 ward hospital for residential nursing and health care	Approved within last 5 years																						
Major Development: 45/2020/0498	Denbighshire County Council	High – Data has been obtained from the developer's website or a consenting authority's portal	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	Approved within last 5 years																						

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
			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														
Major Development: 45/2020/0725	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years													
Major Development: 45/2020/0858	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Conversion and alterations to hotel to form 10 self-contained apartments	Yet to be determined by LPA													
Major Development: 45/2020/0865	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Demolition of existing dwellings, erection of 13 dwellings and associated works	Approved within last 5 years													
Major Development: 45/2021/0040	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Hybrid Planning application (Full details and outline) for the redevelopment of 0.93ha of land known as Queens Market	Approved within last 5 years													
Major Development: 45/2021/0187	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years													
Major Development: 45/2021/1248	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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')	Yet to be determined by LPA													
Major Development: 45/2022/0271	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Yet to be determined by LPA													

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																						
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055									
Major Development: 46/2019/0806	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of 0.75ha of land for residential purposes (outline application including access)	Approved within last 5 years																							
Major Development: 46/2021/0159	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Approved within last 5 years																							
Major Development: 46/2021/1161	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Erection of 113 dwellings, construction of a new vehicular access, landscaping and associated works	Approved within last 5 years																							
Major Development: 47/2020/0593	Denbighshire County Council	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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.	Yet to be determined by LPA																							

1.24 Onshore Cumulative Effects Matrix - Onshore 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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
g	Project has been withdrawn from development or operation.

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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	34.0	7.9	7.9	18.5	19.8	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/40735	51.5	18.1	20.7	24.2	25.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/40735	37.1	1.7	2.2	6.9	8.1	d	d	d	d	d	d	d	d	d	d	e	e	d	d	d
Major Development: 0/42343	36.0	4.5	4.7	14.5	15.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/42351	36.0	4.5	4.7	14.5	15.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/42900	35.5	0.3	0.4	9.2	10.3	d	d	d	d	d	d	d	d	d	d	d	c	d	d	d
Major Development: 0/43047	34.8	1.7	1.8	12.5	13.8	d	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/43058	36.5	1.3	1.7	7.4	8.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d

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Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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: 0/43072	30.9	13.7	13.8	24.7	26.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/43465	33.8	6.6	6.6	17.3	18.6	d	d	d	d	d	d	d	d	d	e	d	d	d
Major Development: 0/43522	35.3	13.6	13.7	23.7	25.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/43706	31.5	8.9	9.0	20.0	21.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/43785	30.3	14.0	14.1	25.0	26.3	d	d	d	d	d	d	d	d	d	e	d	d	d
Major Development: 0/43877	35.0	0.8	1.0	11.7	12.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/43983	33.2	9.7	9.8	20.5	21.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44019	34.4	4.6	4.7	15.3	16.6	d	d	d	d	d	d	d	d	d	e	d	d	d
Major Development: 0/44046	45.0	17.1	18.0	24.8	26.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44087	33.7	7.0	7.1	17.8	19.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44106	34.9	12.4	12.5	22.7	24.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44133	35.0	3.1	3.2	13.7	15.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44389	35.9	2.9	2.9	6.5	7.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44390	35.9	2.9	2.9	6.5	7.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44478	30.8	13.4	13.5	24.4	25.7	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44548	33.9	12.0	12.0	22.4	23.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44621	34.8	0.9	1.0	11.8	13.0	d	d	d	d	d	d	d	d	d	d	d	d	d

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Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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: 0/44663	35.8	14.5	14.6	24.5	26.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44795	34.7	14.4	14.5	24.7	26.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44796	34.7	14.4	14.5	24.7	26.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44859	36.1	4.2	4.4	14.1	15.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/44905	40.7	9.6	10.4	17.9	19.4	d	d	d	d	d	d	d	d	d	e	d	d	d
Major Development: 0/45158	36.0	4.5	4.7	14.5	15.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45161	36.0	4.5	4.7	14.5	15.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45260	34.9	12.1	12.2	22.4	23.8	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45297	37.2	1.6	2.2	7.7	8.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45373	42.0	2.1	6.9	8.2	9.6	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45413	37.7	2.7	3.9	11.9	13.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45445	34.2	6.0	6.1	16.7	18.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45480	35.9	2.9	2.9	6.5	7.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45515	45.4	17.3	18.2	24.8	26.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45708	30.6	14.2	14.2	25.1	26.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45845	34.7	5.8	5.9	16.3	17.7	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/45853	36.2	14.1	14.2	24.0	25.5	d	d	d	d	d	d	d	d	d	e	d	d	d

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Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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: 0/45869	30.9	13.6	13.6	24.5	25.8	d	d	d	d	d	d	d	d	d	e	d	d
Major Development: 0/46130	34.2	6.9	7.0	17.6	18.9	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/46338	34.2	5.5	5.6	16.2	17.5	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/46441	34.7	14.4	14.5	24.7	26.1	d	d	d	d	d	d	d	d	d	e	d	d
Major Development: 0/46556	36.2	19.2	19.3	29.1	30.6	d	d	d	d	d	d	d	d	d	e	d	d
Major Development: 0/46652	51.1	17.9	20.4	24.2	25.5	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/46795	36.8	2.6	2.6	6.1	7.0	d	d	d	d	d	d	d	d	d	e	e	d
Major Development: 0/46906	36.7	1.2	2.3	11.0	12.4	d	d	d	d	d	d	d	d	d	e	d	d
Major Development: 0/46977	37.5	11.5	11.7	21.0	22.5	d	d	d	d	d	d	d	d	d	e	d	d
Major Development: 0/47217	34.9	0.9	0.9	8.1	9.0	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/47438	31.2	13.7	13.8	24.6	25.9	d	d	d	d	d	d	d	d	d	e	d	d
Major Development: 0/47520	37.2	1.6	2.2	7.7	8.9	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/47526	51.3	17.7	20.3	23.8	25.1	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/47588	35.0	4.2	4.2	7.2	7.6	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/47596	36.4	3.4	4.3	5.8	6.3	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/47627	36.7	2.5	2.6	6.2	7.1	d	d	d	d	d	d	d	d	d	e	e	d
Major Development: 0/47926	34.6	10.9	11.0	21.3	22.7	d	d	d	d	d	d	d	d	d	d	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: 0/47958	34.2	5.4	5.5	16.1	17.4	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/47990	31.5	10.2	10.3	21.2	22.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/48144	31.1	13.6	13.6	24.5	25.8	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/48148	30.8	13.4	13.5	24.4	25.7	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/48393	34.9	0.9	0.9	8.1	9.0	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/48566	34.0	6.4	6.5	17.1	18.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/48610	31.1	11.9	12.0	22.9	24.2	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/48964	34.5	5.3	5.4	15.9	17.2	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/49141	36.0	0.7	1.1	8.0	9.1	e	d	e	e	e	e	e	e	e	e	e	e	d	d
Major Development: 0/49272	33.9	5.9	5.9	16.6	17.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 0/49274	31.4	9.1	9.2	20.2	21.4	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/49306	32.4	7.6	7.7	18.6	19.8	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/49522	36.2	14.1	14.2	24.0	25.5	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/49640	44.6	12.5	14.1	19.8	21.3	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/49674	34.1	7.3	7.4	18.0	19.3	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 0/49721	35.5	11.4	11.5	21.6	23.0	d	d	d	d	d	d	d	d	d	e	d	d	d	d
Major Development: 01/2015/1240	51.2	8.0	18.0	9.0	8.4	d	d	d	d	d	d	d	d	d	d	d	d	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: 01/2016/1241	51.2	8.0	18.0	9.0	8.4	d	d	d	d	d	d	d	d	d	d	d	e	d
Major Development: 01/2019/0646	50.5	7.4	17.4	8.4	7.7	d	d	d	d	d	d	d	d	d	d	d	e	d
Major Development: 01/2019/0744	49.7	6.3	15.8	7.1	6.9	d	d	d	d	d	d	d	d	d	e	e	d	
Major Development: 01/2019/1011	49.3	5.9	15.8	6.9	6.4	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 01/2019/1012	49.7	6.3	16.2	7.2	6.8	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 01/2019/1013	49.7	6.3	16.2	7.2	6.8	d	d	d	d	d	d	d	d	d	e	e	d	
Major Development: 01/2019/1014	49.7	6.3	16.2	7.2	6.8	d	d	d	d	d	d	d	d	d	e	e	d	
Major Development: 01/2019/1015	49.3	6.0	16.0	7.0	6.4	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 01/2020/0315	51.1	7.6	17.2	8.5	8.2	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 01/2021/0836	49.9	6.5	16.1	7.3	7.0	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 01/2021/0850	48.9	6.2	16.5	7.5	6.5	d	d	d	d	d	d	d	d	d	e	e	d	
Major Development: 02/2018/0889	59.7	16.6	26.5	17.5	16.9	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 02/2019/0500	59.2	16.1	26.0	17.0	16.4	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 02/2019/0927	51.2	8.0	18.0	9.0	8.4	d	d	d	d	d	d	d	d	d	d	e	d	
Major Development: 02/2020/0724	59.7	16.5	26.4	17.5	16.9	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 056225	51.1	13.6	23.3	15.2	14.0	d	d	d	d	d	d	d	d	d	d	d	d	
Major Development: 057024	45.9	12.0	20.4	13.8	12.4	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 Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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: 057261	49.1	15.6	24.3	17.3	16.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 057623	47.8	8.7	18.5	10.3	9.0	d	d	d	d	d	d	d	d	d	e	d	d	d
Major Development: 057865	49.5	15.8	24.6	17.5	16.2	d	d	d	d	d	d	d	d	d	e	d	d	d
Major Development: 16/2018/1137	59.7	17.1	27.2	18.1	17.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 16/2021/1109	60.1	17.5	27.7	18.6	17.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 18/2018/0526	53.1	9.9	19.8	10.8	10.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 18/2020/0594	53.4	10.9	21.1	12.1	11.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 18/2021/1260	53.3	10.8	21.1	12.0	11.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 20/2016/1137	63.1	20.0	29.8	20.9	20.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 20/2017/0819	63.3	20.1	29.9	21.0	20.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 20/2017/1156	62.1	19.2	29.2	20.2	19.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 22/2014/0626	56.3	13.7	23.9	14.8	14.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 23/2016/0557	54.9	11.6	21.5	12.5	12.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 23/2016/1218	54.5	11.5	19.8	12.2	12.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 23/2017/1218	54.3	11.0	20.8	11.9	11.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 23/2021/0927	54.8	11.5	21.4	12.4	11.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 24/2016/0330	57.8	14.7	24.7	15.7	15.1	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 Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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: 24/2018/0206	55.5	12.5	22.5	13.5	12.8	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 30/2018/0969	46.0	3.0	13.3	4.2	3.3	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 30/2018/1212	46.2	3.5	13.8	4.9	3.8	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 40/2017/1232	41.2	0.4	8.1	1.1	1.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 40/2021/0309	40.8	0.8	7.9	1.6	1.8	c	d	c	c	c	c	c	d	c	c	c	c	d	d
Major Development: 40/2021/0825	39.3	0.9	6.4	2.8	3.3	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 42/2018/0923	38.0	6.1	10.5	7.5	6.6	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 42/2018/1150	37.9	6.2	10.5	7.5	6.7	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 42/2020/0619	38.2	6.0	10.6	7.4	6.5	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2015/1241	36.0	8.7	11.5	10.0	9.2	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2017/0848	36.0	10.5	13.7	12.0	11.0	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2017/1100	35.2	9.6	11.8	10.8	10.1	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2017/1121	34.8	9.0	10.7	10.2	9.6	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2018/0900	36.3	9.1	12.3	10.5	9.6	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2019/0730	37.3	7.4	11.3	8.8	7.9	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2020/0023	35.7	9.6	12.3	10.9	10.1	d	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2020/0521	36.2	8.0	10.8	9.2	8.5	d	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 Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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: 43/2020/0773	35.7	8.6	10.9	9.7	9.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 43/2020/0843	35.9	9.7	12.6	11.1	10.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 44/2018/0855	37.8	4.5	8.1	5.6	5.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 44/2020/0346	38.5	3.8	8.1	4.7	4.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 44/2021/1023	38.0	3.5	7.3	4.8	4.6	d	d	d	e	d	d	d	d	d	e	e	d	d
Major Development: 45/2017/0384	34.2	6.2	6.2	8.3	8.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2017/1164	35.3	5.9	7.3	7.6	7.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2018/0123	34.6	5.6	5.6	7.7	7.9	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2018/0263	34.1	7.6	8.4	9.3	9.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2018/0822	34.2	6.7	7.2	8.6	8.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2018/1197	34.1	7.6	8.4	9.3	9.0	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2018/1215	36.0	6.3	8.5	7.6	7.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2020/0096	34.3	6.6	7.1	8.5	8.4	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2020/0498	34.0	7.0	7.5	8.9	8.7	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2020/0725	34.2	6.7	7.2	8.6	8.5	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2020/0858	34.1	6.5	6.7	8.5	8.5	d	d	d	d	d	d	d	d	d	e	e	d	d
Major Development: 45/2020/0865	34.3	6.1	6.3	8.2	8.2	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 Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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: 45/2021/0040	34.2	6.3	6.5	8.3	8.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2021/0187	35.5	5.2	6.5	7.1	7.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 45/2021/1248	34.4	7.6	8.6	9.2	8.8	d	d	d	d	d	d	d	d	d	e	e	d	d
Major Development: 45/2022/0271	33.9	6.8	7.0	8.8	8.7	d	d	d	d	d	d	d	d	d	e	e	d	d
Major Development: 46/2019/0806	41.6	0.7	9.5	2.2	1.2	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 46/2021/0159	41.7	0.0	8.6	0.8	1.1	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 46/2021/1161	43.0	0.9	10.9	2.7	1.3	d	d	d	d	d	d	d	d	d	d	d	d	d
Major Development: 47/2020/0593	40.2	3.4	10.2	4.9	3.9	d	d	d	e	d	d	d	d	d	e	e	d	d

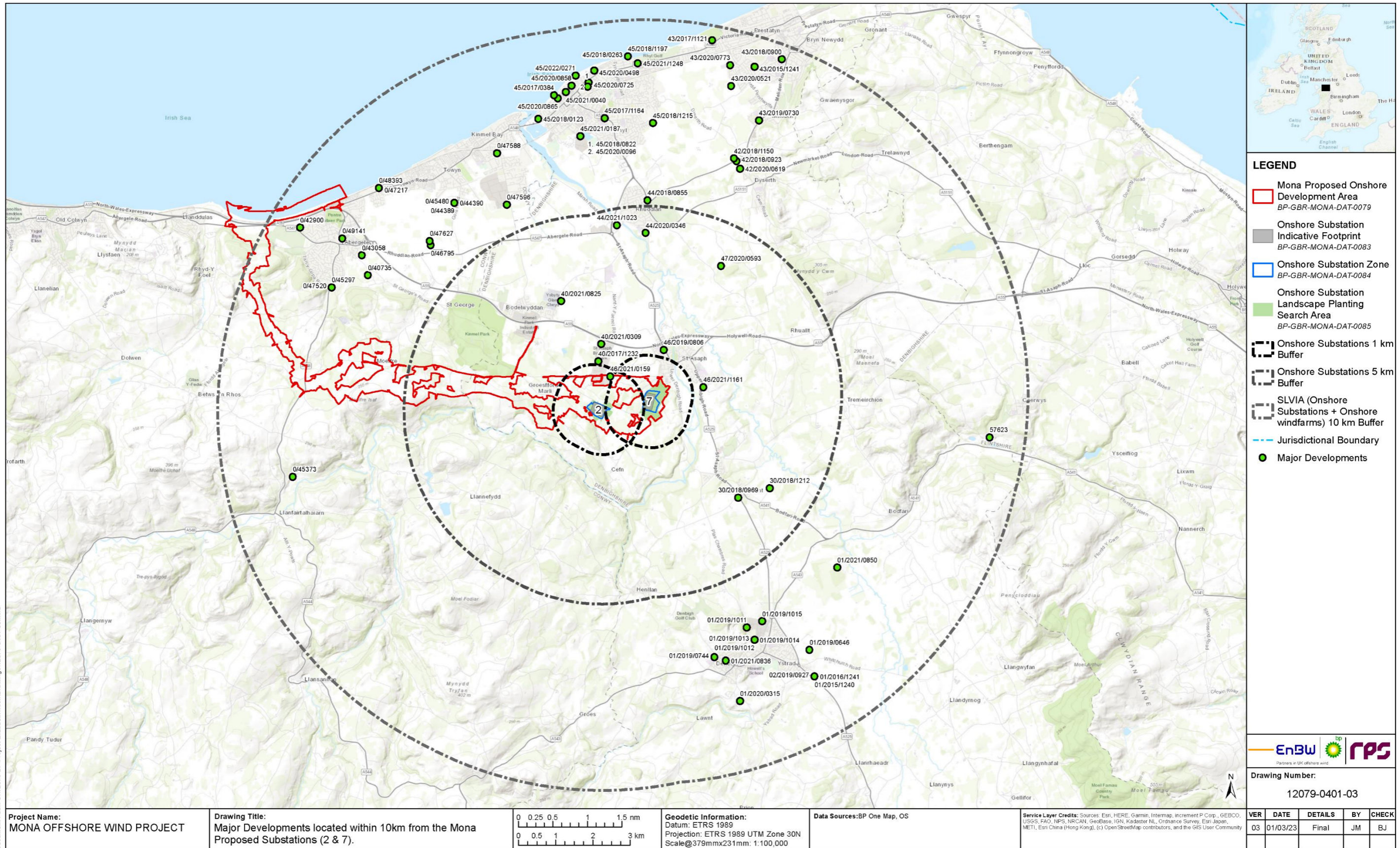


Figure 1.19: Major developments located within 10km from the Mona Proposed Substations (Options 2 and 7).

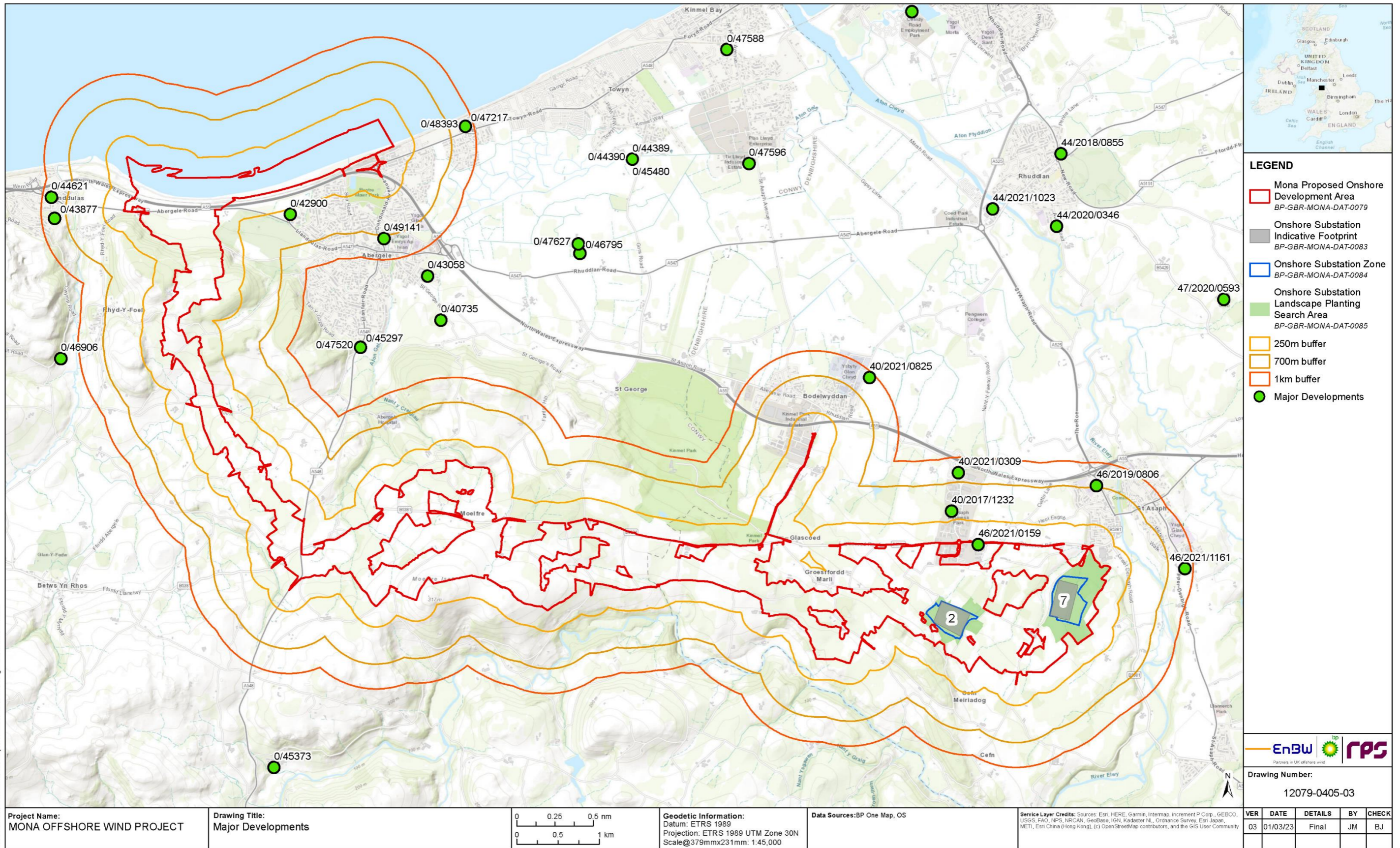


Figure 1.20: Major developments located within 1km from the Mona Proposed Onshore Development Area.

1.25 Onshore Cumulative Effects Matrix - Onshore Renewables - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

1.25.1.1 The following onshore renewables projects, plans and activities are shown in Figure 1.21 and Figure 1.22.

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
Awel y Môr Offshore Wind Farm (onshore infrastructure)	The Crown Estate	Medium – Data has been obtained from the public domain but not from the developer’s website or a consenting authority’s portal	500MW. Applicant expects consent Q3 2023. Construction to commence 2026, commissioned by 2030	Submitted but not yet determined																			
Elwy Solar Energy Farm	Welsh Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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). Permission has been refused by the Welsh Ministers but an application has been made for legal challenge.	Determined																			
Holywell STOR	Welsh Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of National Significance (DNS): approximately 20MW standing operational reserve (STOR) electricity generating station	Pre-application																			
HyNet North West Carbon Dioxide Pipeline	The Planning Inspectorate	High – Data has been obtained from the developer’s website or a consenting authority’s portal	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	Submitted but not yet determined																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			
Major Development:	Maresconnect	High – Data has been obtained from the developer’s website or a consenting authority’s portal	MaresConnect: Irish project specific company established to develop, construct and operate the interconnector	Pre-application																	
St. Asaph Solar Farm	Welsh Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Development of National Significance (DNS): Construction, operation and decommissioning of a solar farm	Pre-application stage of the Planning Wales Act process																	

1.26 Onshore Cumulative Effects Matrix - Onshore Renewables - 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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
g	Project has been withdrawn from development or operation.

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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
Morgan Offshore Wind Project and Morecambe Offshore Windfarm transmission assets	8.92	62.1	62.2	63.6	62.7	d	d	d	d	d	d	d	d	d	c	d	c
Awel y Môr Offshore Wind Farm (onshore infrastructure)	12.2	0.0	6.2	0.1	0.7	c	c	c	c	c	c	c	c	c	c	c	c
HyNet North West Carbon Dioxide Pipeline	55.6	20.8	30.3	22.5	21.2	d	d	d	d	d	d	d	d	d	d	d	d
Holywell STOR	47.2	15.6	23.7	17.4	16.0	d	d	d	d	d	d	d	d	d	e	d	d
Elwy Solar Energy Farm	40.0	0.8	7.9	1.7	1.2	a	a	a	a	a	a	a	d	a	b	b	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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		
St. Asaph Solar Farm	42.4	0.0	9.3	0.4	0.3	e	e	e	e	e	e	e	e	e	e	e	e	d	
Major Development:	N/A	N/A	N/A	N/A	N/A	d	d	d	d	d	d	d	d	d	d	d	d	d	d

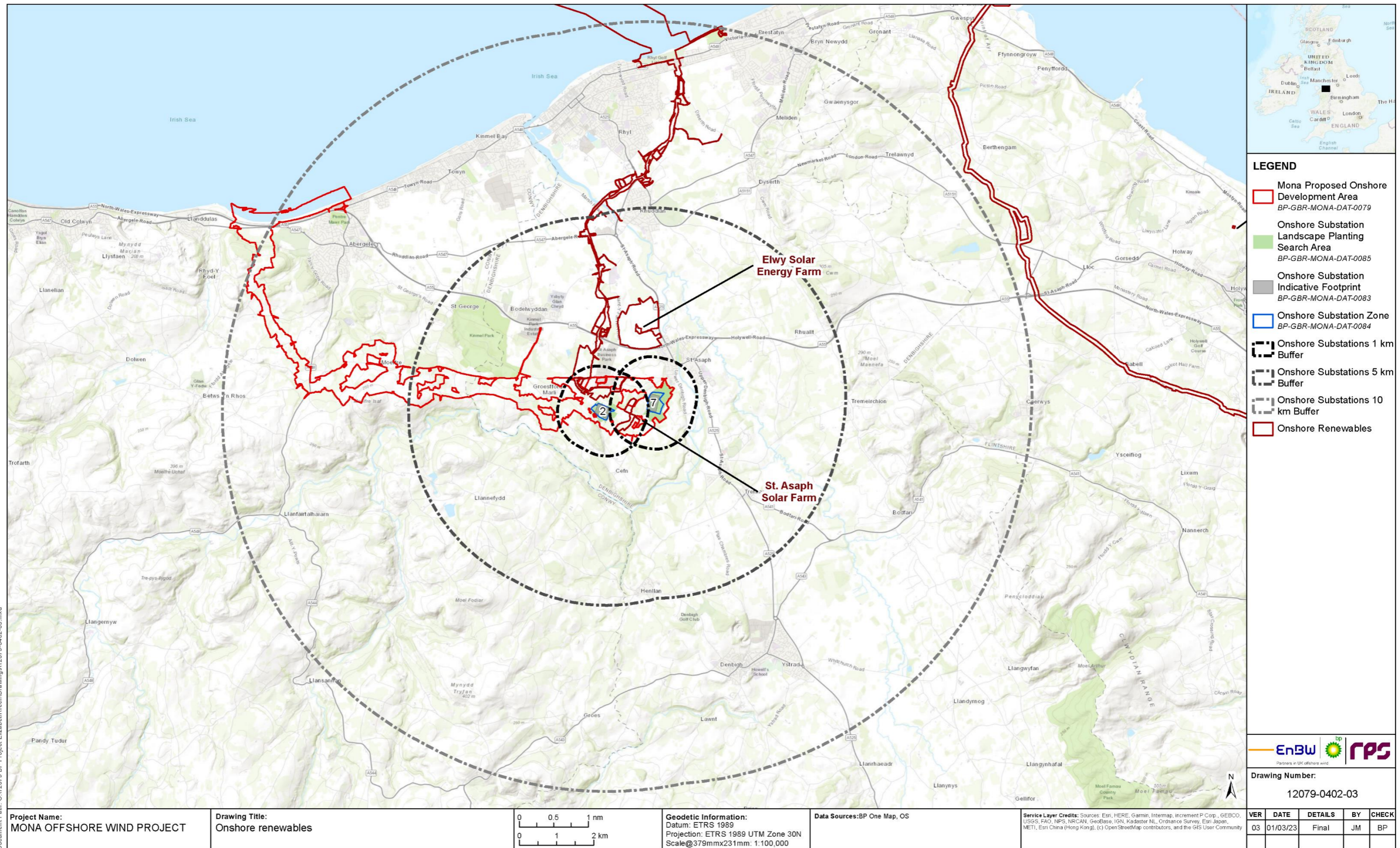


Figure 1.21: Onshore renewables located within 10km from the Mona Proposed Substations (Options 2 and 7).

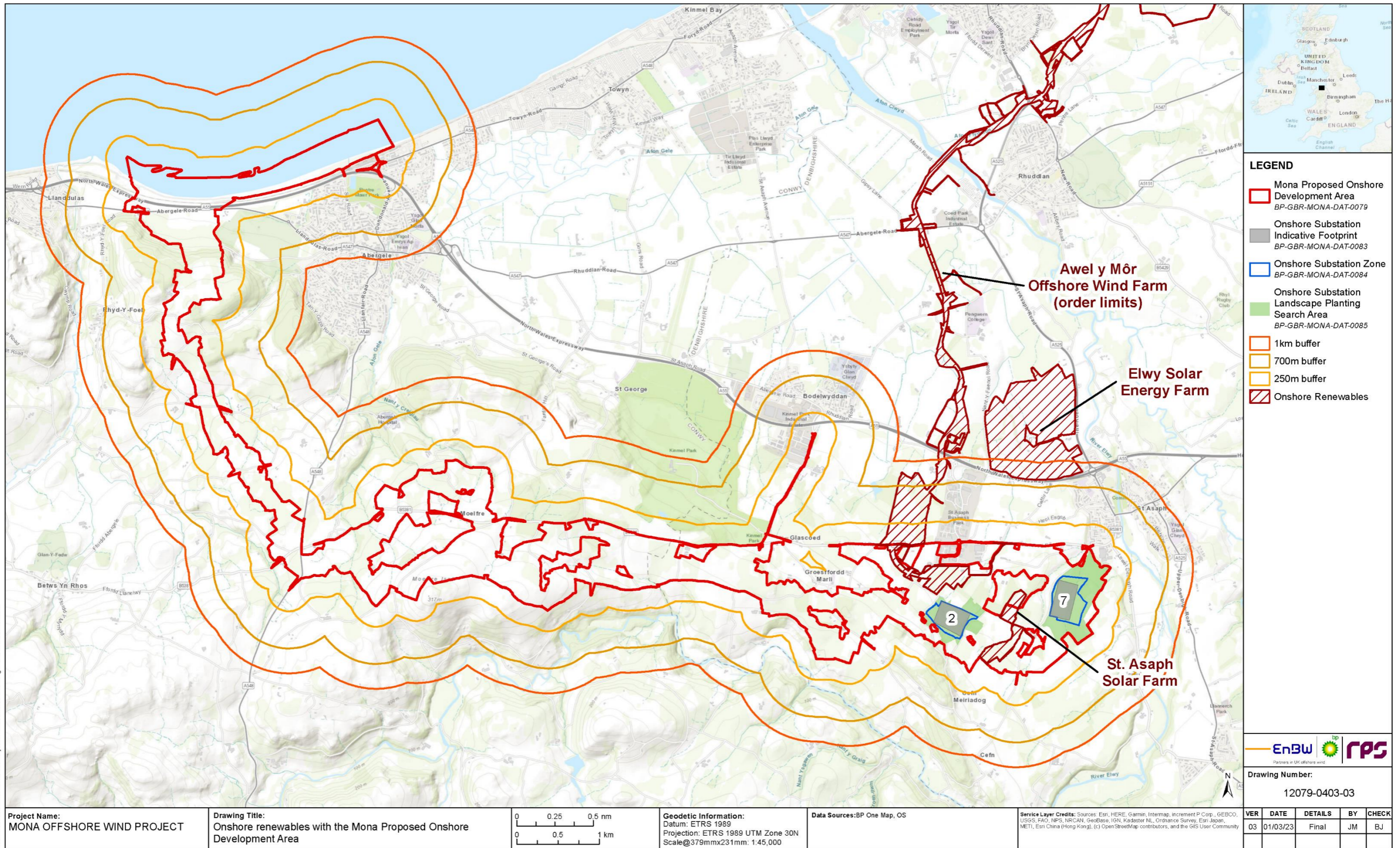


Figure 1.22: Onshore renewables located within 1km from the Mona Proposed Onshore Development Area.

1.27 Onshore Cumulative Effects Matrix - Onshore Wind Farms - Temporal

	Consenting/Pre-Construction
	Construction
	Operations and Maintenance
	Decommissioning

1.27.1.1 The following onshore wind farm projects, plans and activities are shown in Figure 1.23 and Figure 1.24.

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																		
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055					
Askam	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 4.6, Number of Wind Turbines: 7, Height of Wind Turbines (m): approximately 65m	Operational																			
Bodtegir	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 1.5, Number of Wind Turbines: 1, Height of Wind Turbines (m): 100	Operational																			
Brenig Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 37.6, Number of Wind Turbines: 16, Height of Wind Turbines (m): 110	Operational																			
Caton Moor Windfarm Repowering	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 16, Number of Wind Turbines: 8, Height of Wind Turbines (m): 90	Operational																			
Clocaenog Forest Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 96, Number of Wind Turbines: 32, Height of Wind Turbines (m): 145	Operational																			
Deans Lane Wind Turbine	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): unknown, Number of Wind Turbines: 1, Height of Wind Turbines (m): 31.6	Operational																			

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																				
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055							
Dewlay Cheese Wind Turbine	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 2, Number of Wind Turbines: 1, Height of Wind Turbines (m): 126	Operational																					
Fanny House Farm/Heysham Moss	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 1.5, Number of Wind Turbines: 1, Height of Wind Turbines (m): 110	Operational																					
Frodsham Marsh	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 50.4, Number of Wind Turbines: 19, Height of Wind Turbines (m): 125	Operational																					
Furness Wind Farm/High Winds (Harlock Repowering)	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 11.5, Number of Wind Turbines: 5, Height of Wind Turbines (m): 100	Operational																					
Hafoty Ucha '2' and '3' Wind Turbine	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 3.2 , Number of Wind Turbines: 4 , Height of Wind Turbines (m): ranging between 60 - 86	Operational																					
Harlock Hill Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 2.5, Number of Wind Turbines: 5, Height of Wind Turbines (m): unknown	Operational																					
Haverigg Extension Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 2.4, Number of Wind Turbines: 4, Height of Wind Turbines (m): unknown	Operational																					
Haverigg Repowering (Haverigg II)	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 1.2, Number of Wind Turbines: 5, Height of Wind Turbines (m): 62.5	Operational																					
Heysham South Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 7.5, Number of Wind Turbines: 3, Height of Wind Turbines (m): 125	Operational																					
HMS Eaglet, Sefton Street - Wind Turbine & Solar Panels	UK Government	High – Data has been obtained from the developer’s website	Onshore wind farm, Capacity (Mwe): unknown, Number of Wind Turbines: unknown , Height of Wind Turbines (m): unknown	Application Submitted																					

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)												
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
		or a consenting authority's portal															
Kingspan	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 1.8, Number of Wind Turbines: 2, Height of Wind Turbines (m): 78	Operational													
Kirkby Moor	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 4.8, Number of Wind Turbines: 12, Height of Wind Turbines (m): 45	Operational													
Lancaster University (wind)	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 2, Number of Wind Turbines: 1, Height of Wind Turbines (m): unknown	Operational													
Llanbabo Wind Farm	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 20.4, Number of Wind Turbines: 34, Height of Wind Turbines (m): 53	Operational													
Mawdesley Moss	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 2.3, Number of Wind Turbines: 3, Height of Wind Turbines (m): 80	Operational													
Moel Maelogen A	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 2.6, Number of Wind Turbines: 3, Height of Wind Turbines (m): approximately 85m	Operational													
Moel Maelogen A Phase 2	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 11.7, Number of Wind Turbines: 9, Height of Wind Turbines (m): approximately 85m	Operational													
Orchard End	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 4, Number of Wind Turbines: 2, Height of Wind Turbines (m): 125	Operational													
Pant y Maen	UK Government	High – Data has been obtained from the developer's website or a consenting authority's portal	Onshore wind farm, Capacity (Mwe): 14, Number of Wind Turbines: 8, Height of Wind Turbines (m): 102	Awaiting Construction													

Project, plan or activity name	Data source	Data confidence assessment	Capacity/scale/description	Status of project/plan	Temporal overlap with the Mona Offshore Wind Project (blue line denotes the Mona Offshore Wind Project construction window)																	
					2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				
Port of Liverpool - wind	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 10, Number of Wind Turbines: 4, Height of Wind Turbines (m): 125	Operational																		
PROMISED LAND FARM	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 1.0, Number of Wind Turbines: 2, Height of Wind Turbines (m): circa 80	Operational																		
Rhyd-y-Groes Wind Farm - repowering	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 9.9, Number of Wind Turbines: 11, Height of Wind Turbines (m): 79	Awaiting Construction																		
Royal Seaforth Dock Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 3.0, Number of Wind Turbines: 6, Height of Wind Turbines (m): circa 65 - 80	Operational																		
Tir Mostyn And Foel Goch Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm , Capacity (Mwe): 21.3, Number of Wind Turbines: 25, Height of Wind Turbines (m): Height unknown	Operational																		
Trysglwyn Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm , Capacity (Mwe): 5.6, Number of Wind Turbines: 14, Height of Wind Turbines (m): circa 35	Operational																		
Wern Ddu Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 9.2, Number of Wind Turbines: 4, Height of Wind Turbines (m): circa 92.5	Operational																		
Ystgellog Farm Wind Farm	UK Government	High – Data has been obtained from the developer’s website or a consenting authority’s portal	Onshore wind farm, Capacity (Mwe): 4.6, Number of Wind Turbines: 2, Height of Wind Turbines (m): circa 92.5	Operational																		

1.28 Onshore Cumulative Effects Matrix - Onshore Wind Farms - 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: Screened in to assessment.
c	Potential cumulative effect exists: Screened in to assessment.
d	No conceptual or physical effect-receptor pathway: Screened out of assessment.
e	Low data availability: Screened out of assessment.
f	No temporal overlap: Screened out of assessment.
g	Project has been withdrawn from development or operation.

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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
Askam	62.3	102.0	102.2	106.1	105.6	d	d	d	d	d	d	d	d	d	b	d	d
Bodtegir	66.3	24.6	31.2	25.2	25.5	d	d	d	d	d	d	d	d	d	b	b	d
Brenig Wind Farm	56.3	14.5	21.3	15.0	15.5	d	d	d	d	d	d	d	d	d	b	b	d
Caton Moor Windfarm Repowering	82.6	105.1	105.6	106.6	105.6	d	d	d	d	d	d	d	d	d	b	d	d
Clocaenog Forest Wind Farm	60.7	18.6	25.7	19.2	19.5	d	d	d	d	d	d	d	d	d	b	b	d
Deans Lane Wind Turbine	59.9	58.1	62.0	59.8	58.5	d	d	d	d	d	d	d	d	d	b	d	d
Dewlay Cheese Wind Turbine	65.6	83.3	84.3	84.9	83.8	d	d	d	d	d	d	d	d	d	b	d	d
Fanny House Farm/Heysham Moss	68.9	94.7	94.9	96.8	95.9	d	d	d	d	d	d	d	d	d	b	d	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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
Frodsham Marsh	70.8	45.7	54.1	47.5	46.1	d	d	d	d	d	d	d	d	d	b	d	d
Furness Wind Farm/High Winds (Harlock Repowering)	65.8	105.3	105.5	109.3	108.8	d	d	d	d	d	d	d	d	d	b	d	d
Hafoty Ucha '2' and '3' Wind Turbine	67.6	27.8	32.7	28.5	29.1	d	d	d	d	d	d	d	d	d	b	b	d
Harlock Hill Wind Farm	65.5	104.9	105.1	108.8	108.3	d	d	d	d	d	d	d	d	d	b	d	d
Haverigg Extension Wind Farm	56.8	102.2	102.4	107.0	106.6	d	d	d	d	d	d	d	d	d	b	d	d
Haverigg Repowering (Haverigg II)	56.8	102.2	102.4	107.0	106.6	d	d	d	d	d	d	d	d	d	b	d	d
Heysham South Wind Farm	69.0	94.6	94.8	96.6	95.7	d	d	d	d	d	d	d	d	d	b	d	d
HMS Eaglet, Sefton Street - Wind Turbine & Solar Panels	53.8	34.7	41.2	36.5	35.1	e	e	e	e	e	e	e	e	e	e	e	d
Hafoty Ucha '2' and '3' Wind Turbine	67.6	27.8	32.7	28.5	29.1	d	d	d	d	d	d	d	d	d	b	b	d
Kirkby Moor	69.9	110.7	110.9	114.7	114.2	d	d	d	d	d	d	d	d	d	b	d	d
Lancaster University (wind)	72.0	95.0	95.2	96.5	95.5	d	d	d	d	d	d	d	d	d	b	d	d
Llanbabo Wind Farm	41.2	56.2	56.2	66.7	68.1	d	d	d	d	d	d	d	d	d	b	d	d
Mawdesley Moss	60.9	61.5	65.0	63.2	62.0	d	d	d	d	d	d	d	d	d	b	d	d
Moel Maelogen A	51.5	15.0	18.5	20.2	21.5	d	d	d	d	d	d	d	d	d	b	b	d
Moel Maelogen A Phase 2	51.5	15.0	18.5	20.2	21.5	d	d	d	d	d	d	d	d	d	b	b	d
Orchard End	61.4	81.8	82.2	83.3	82.3	d	d	d	d	d	d	d	d	d	b	d	d

MONA OFFSHORE WIND PROJECT

Project, plan or activity name	Distance from Mona Array Area (km)	Distance from Mona Proposed Onshore Development Area (km)	Distance from Mona Landfall (km)	Distance from Mona Substation Option 2 (km)	Distance from Mona Substation Option 7 (km)	Mona Offshore Wind Project topic screening (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
Pant y Maen	54.8	13.9	19.7	14.7	15.3	e	e	e	e	e	e	e	e	e	e	e	d
Port of Liverpool - wind	49.5	37.0	41.9	38.7	37.4	d	d	d	d	d	d	d	d	d	b	d	d
PROMISED LAND FARM	64.8	55.5	60.9	57.3	56.0	d	d	d	d	d	d	d	d	d	b	d	d
Rhyd-y-Groes Wind Farm - repowering	34.0	53.0	53.1	63.9	65.2	d	d	d	d	d	d	d	d	d	b	d	d
Royal Seaforth Dock Wind Farm	46.7	36.2	40.6	37.9	36.7	d	d	d	d	d	d	d	d	d	b	d	d
Tir Mostyn And Foel Goch Wind Farm	55.7	13.5	20.8	14.1	14.5	d	d	d	d	d	d	d	d	d	b	b	d
Trysglwyn Wind Farm	34.4	48.7	48.7	59.4	60.8	d	d	d	d	d	d	d	d	d	b	b	d
Wern Ddu Wind Farm	67.1	24.0	32.3	24.7	24.7	d	d	d	d	d	d	d	d	d	b	b	d
Ystgellog Farm Wind Farm	35.0	52.6	52.7	63.4	64.8	d	d	d	d	d	d	d	d	d	b	d	d

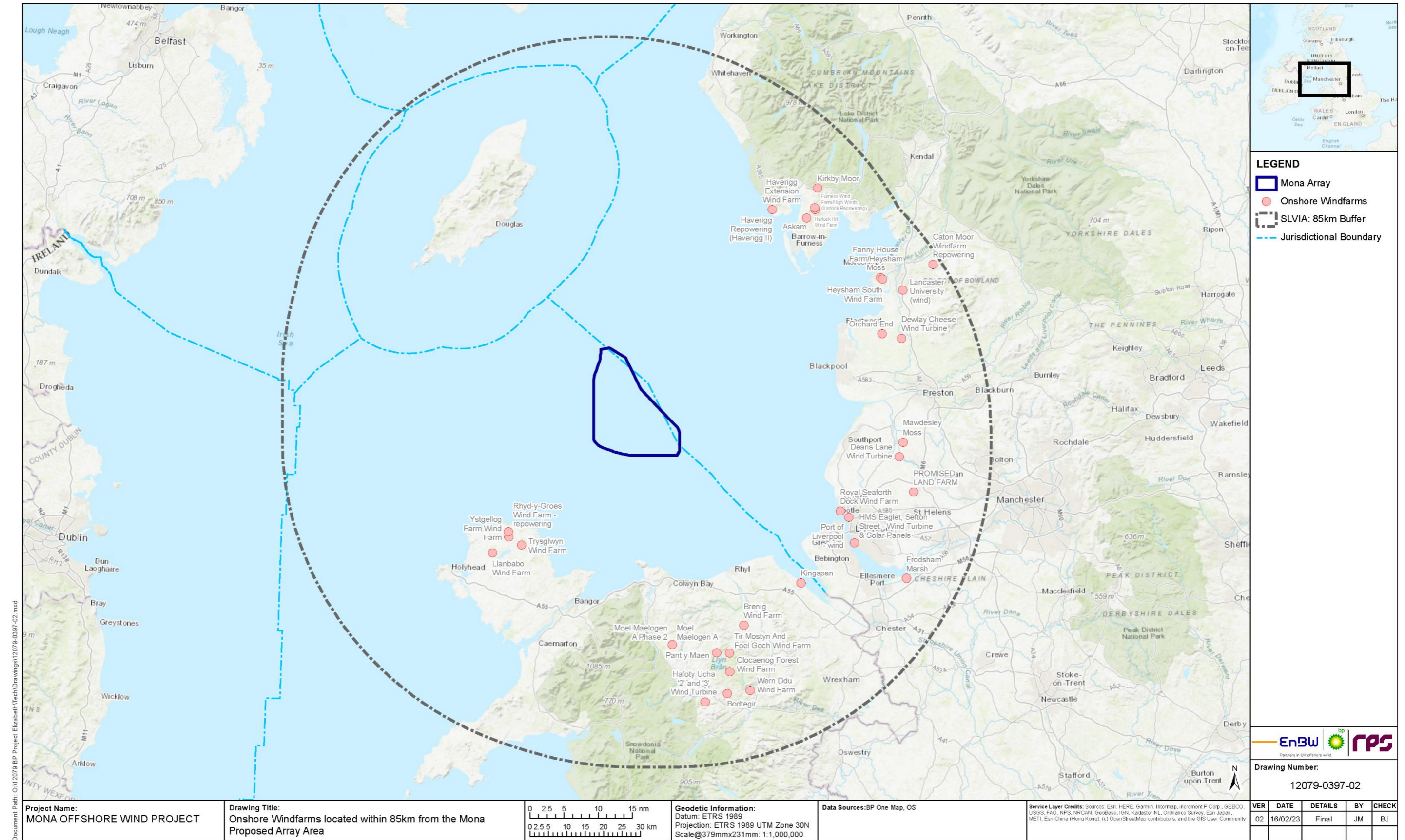


Figure 1.23: Onshore windfarms located within 85km from the Mona Array Area.

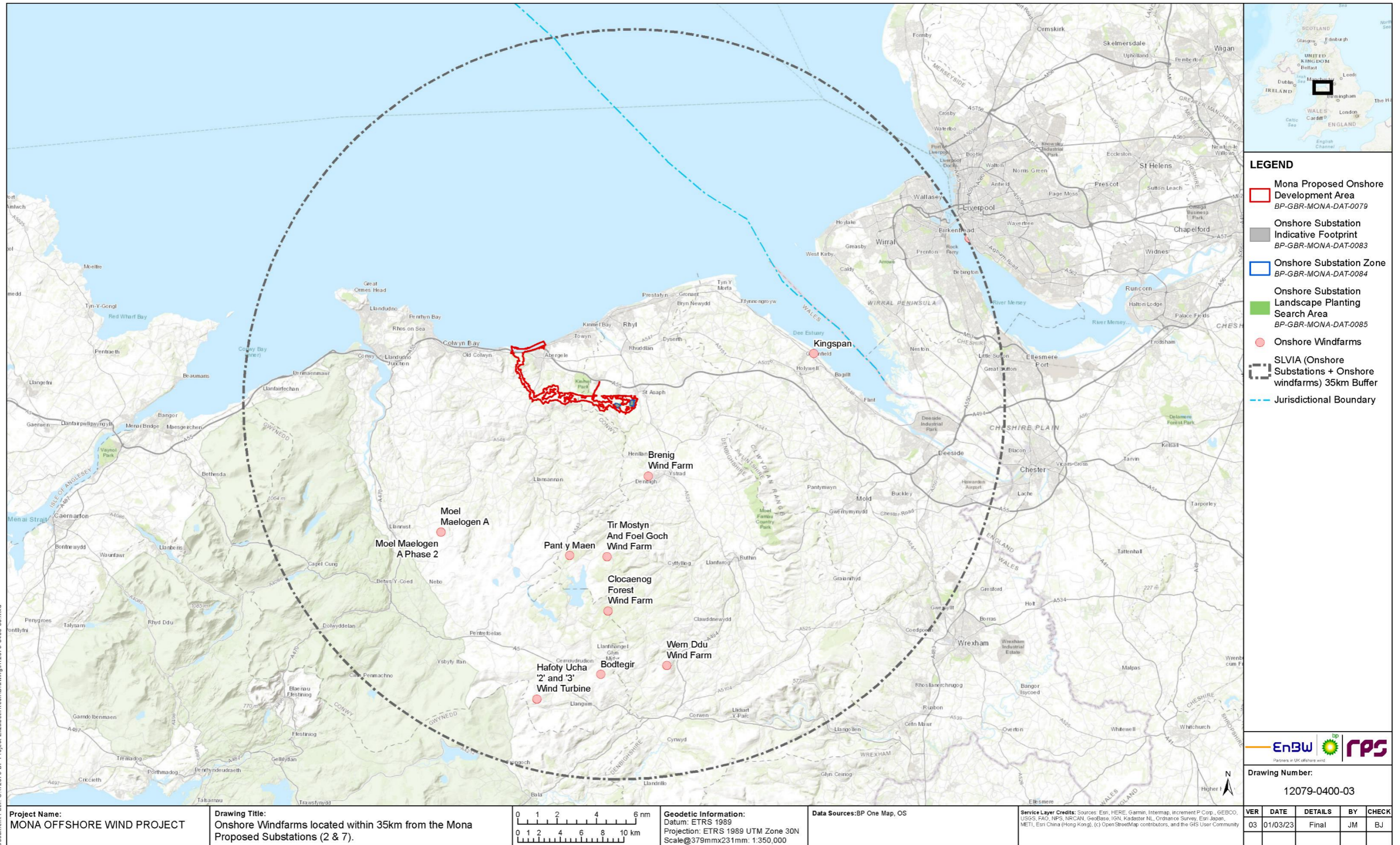


Figure 1.24: Onshore windfarms located within 35km from the Mona Proposed Onshore Substations (Options 2 and 7).

1.29 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 January 2023.