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Making Sense of the Marine Environment ™

Cumulative Effects Assessment Zones of Influence and Project Long-list

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1. Offshore Zones of Influence

Table 1.1 details the zones of influence (ZOIs) for each of the potential impacts, as identified in the Project scoping report [1]. ZOIs have been defined by application of expert judgment and based on experience of assessing similar impacts in other comparable projects. Where appropriate, determinations have been informed by current guidance/research. In these cases, details of the corresponding references are provided. A minimum distance of 100 m has been set for all receptors[2].

Table 1.1: Zone of influence for each potential impact identified in Project scoping

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
Physical Processes	Sediment Transport Hydrodynamics	Changes to sediment transport system by changes in wave and current climate.	Construction; Operation; Decommissioning	4-19 km (see further details, right)	Transport of suspended sediments will be limited to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately:

[1] MarineSpace, 2019. Simply Blue Energy 1 Floating Offshore Wind Farm: Environmental Impact Assessment Scoping Report.

[2] A minimum distance of 100 m has been set for all receptors to account for uncertainty in extent of highly localised effects.

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
					• 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.
	Coastal Erosion	Potential changes in sediment transport at the coast.	Construction; Operation; Decommissioning	4-19 km (see further details, right)	Transport of suspended sediments will be limited to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
					KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.
	Seabed Morphology	There is potential to modify the morphology of the seabed as a result of scour from anchoring structures at the site, scour around cable protection structures, and physical change caused by cable burial.	Construction; Operation; Decommissioning	100 m	
	Sediment Transport	Drilling of anchors into hard rock seabed, or their removal during decommissioning, may produce additional suspended particles which may become part of the local sediment transport regime.	Construction; Decommissioning	100 m	
Water Quality	Water Quality (Suspended Sediment)	Drilling of anchors into hard rock seabed, their removal during decommissioning, or cable installation/landfall operations may produce additional suspended particles which may become part of the local sediment transport regime.	Construction; Decommissioning	4-19 km (see further details, right)	Transport of suspended sediments by will be limited to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
					during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.
	Water Quality (Suspended Sediment)	Changes to sediment transport system caused by changes in wave and current climate.	Construction; Operation; Decommissioning	n/a	Expected to be scoped out of assessment.
	Water Quality (Chemical Contamination)	There is the potential for accidental release of fluids into the environment.	Construction; Operation; Decommissioning	1 km	
	Sediment Quality (Contamination of Marine Sediments)	There is the potential for accidental release of contaminants into the environment.	Construction; Operation; Decommissioning	1 km	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
Intertidal/Onshore Geology, Geomorphology and Soils	Geological Features	Damage or disturbance of geological features of interest (including national and regional designated sites).	Construction; Decommissioning	100 m	
	Geomorphology/ Soils	Damage or removal of geomorphological (topographical) and/or soil features.	Construction; Decommissioning	100 m	
	Soil	Compaction and degradation of soils.	Construction; Decommissioning	100 m	
Water Framework Directive (WFD)	WFD Designated Water Bodies	There is the potential that sediments could be suspended into the water column during construction and decommissioning (installation of cables and during landfall activities).	Construction; Decommissioning	4-19 km (see further details, right)	Transport of suspended sediments by will be limited to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
					approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.
	WFD Designated Water Bodies	There is the potential that contaminated sediments could be suspended into the water column during construction and decommissioning, and contaminants adsorbed onto particles could be released to designated water bodies.	Construction; Decommissioning	4-19 km (see further details, right)	Transport of suspended sediments by will be limited to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
					Haven.
	WFD Designated Water Bodies	Accidental release of contaminants from vessels and plant.	Construction; Decommissioning	4-19 km (see further details, right)	Transport of contaminants by tidal processes will be limited to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	WFD Designated Water Bodies	Installation of permanent project infrastructure (cable protection) within boundary of WFD water body.	Operation	100 m	
	WFD Designated Water Bodies	Direct damage to intertidal and coastal habitats during cable installation. Note: this topic does not assess indirect effects from settlement of sediment mobilised during construction activities.	Construction; Decommissioning	1 km	
Benthic Subtidal and Intertidal Ecology	Habitats and associated species in the offshore array	Installation, maintenance, and removal, of project infrastructure, specifically anchor mooring and cable laying (including laying of cable protection), can cause physical disturbance to habitats and species and habitat loss/displacement. The sensitivity of the habitats will depend on the species present, as determined during survey. The extent of this effect will be limited to the Project infrastructure footprint. Habitat loss may be temporary, such as through vessel anchoring, or long-term (i.e. for the duration of the Project) if it is due to footprint of infrastructure installation. Note: secondary effects from changes to physical processes, e.g. scour, are	Construction; Operation; Decommissioning	100 m	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
		considered separately, below.			
	Habitats and associated species along the marine export cable route and landfall options	Installation, maintenance, and removal, of project infrastructure, specifically anchor mooring, cable laying (including laying of cable protection) and installation of cable landfall, can cause physical disturbance to habitats and species and habitat loss/ displacement. The sensitivity of the habitats will depend on the species present, as determined during survey. The extent of this effect will be limited to the Project infrastructure footprint. Habitat loss may be temporary, such as through vessel anchoring, or long-term (i.e. for the duration of the Project) if it is due to footprint of infrastructure installation.	Construction; Operation; Decommissioning	100 m	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	All habitats and associated species along the marine export cable route	Increased suspended sediment concentration and sediment deposition may arise during activities associated with cable laying and protection, which can affect benthic habitats through smothering or decreases in water quality.	Construction; Decommissioning	4-19 km (see further details, right)	Transport of suspended sediments by tidal processes will be limited to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.
	All habitats and associated species	Pollution of water and sediment through accidental release of pollutants or chemicals from vessels, which could affect benthic	Construction; Operation; Decommissioning	4-19 km (see further details, right)	Transport of suspended sediments by tidal processes will be limited to the tidal excursion

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
		and intertidal ecology throughout the project area accessed by vessels.			distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.
	All habitats and associated species	Potential introduction and spread of Invasive Non-native Species (INNS) through transporting of organisms from other regions via vessel hull or ballast water, which could displace local fauna.	Construction; Operation; Decommissioning	N/A	Following consultation advice from NRW, potential for spread of INNS will be assessed based on details of likely vessel movements required for project installation and

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
					operation.
	All habitats and associated species	Project infrastructure can cause changes in hydrodynamic regime, which can in turn impact the benthic ecology through inter-related effects, such as scour.	Operation	100 m	Waves that enter West Angle Bay (only possible from a limited range of directions, from the west south west or south west) will be generally aligned to the cable route and therefore any berm that is required in this area. The berm will be aligned to the channel and therefore aligned to and/or less than that of the natural feature within which it is located. In addition, the cable will be routed either through one of the deeper rocky channels entering the bay, or such a channel may be created by trenching. The cable or berm will therefore not present a local water depth notably shallower than the majority of the surrounding seabed.

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
					It is possible that larger obstacles in the nearshore could cause (some slight) changes to distribution of sand on West Angle Bay beach. However, the bay is a rocky pocket with a veneer of sand that is regularly moved around by incoming waves. Little to no measurable change to the seabed is expected more than a few metres from the edges of the cable or berm. A small volume of sediment might accumulate gradually in the surface voids of the berm, but not likely in sufficient quantities to cause measurable changes to the surrounding seabed level. Accordingly, the ZOI for this topic is set in line with the minimum threshold used for this assessment: 100 m.

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	All habitats and associated species	Introduction of new habitat in the form of project infrastructure, including cable protection, may affect the established environment by providing new habitat/ ecosystem function.	Operation	100 m	
Fish and Shellfish Ecology	Demersal fish (spawning and nursery areas)	Habitat Loss/Disturbance Activities that have the potential to cause habitat loss and/or disturbance to spawning and nursery areas, including installation of moorings; marine export cable installation; cable protection.	Construction; Operation; Decommissioning	100 m	
	Demersal fish and shellfish	Increases in sediment or water temperature as a result of subsea cable operation.	Operation	100 m	
	All fish species (including migratory species)	Underwater Noise. Impacts on fish species from underwater noise (including UXO detonation).	Construction; Operation; Decommissioning	1 km	Popper *et al.*, 2014; Subacoustech, 2018
	Shellfish	Loss of shellfish habitat.	Construction; Operation	100 m	
	Fish and shellfish (including migratory	Increased Suspended Sediment Concentrations. Impacts on fish and shellfish through a decrease in	Construction; Decommissioning	4-19 km (see further details,	Transport of suspended sediments by tidal processes will be limited

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	fish)	water quality.		right)	to the tidal excursion distance: the approximate distance over which water (or a section of plume with elevated SSC) is advected during one flood or ebb tide. Under mean spring conditions, this is approximately: • 10 km around the array area; • 14-15 km around the middle of the ECC (approximately KP20); • 18-19 km in the nearshore approaches to Milford Haven (approximately KP10); • 4 km within Milford Haven.
	Fish and shellfish	Loss of Habitat. Reduced resource availability.	Construction; Operation; Decommissioning	100 m	
	Migratory fish	Electromagnetic Frequency (EMF) effects as a barrier to migratory fish.	Operation	100 m	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	All fish species (including migratory species)	Ghost fishing from lost fishing gear, entangled in the mooring system could pose an entanglement risk to fish.	Operation	100 m	
Ornithology	All seabirds (divers, grebes, cormorant/shag, seaducks, tubenoses, gannet, gulls, terns, and auks)	Direct loss of seabed habitat used by foraging birds due to placement of project infrastructure.	Construction; Operation; Decommissioning	Assessment will be based on species-specific foraging ranges (Woodward *et al.*, 2019) and migration routes (Wright *et al.*, 2012).	
	Diving birds (divers, grebes, cormorant/shag, seaducks, gannet, terns, and auks)	Disturbance (displacement) to birds due to noise from construction and decommissioning activities, including general vessel movements and subsea acoustic emissions such as UXO clearance.	Construction; Decommissioning	Assessment will be based on species-specific foraging ranges (Woodward *et al.*, 2019) and migration routes (Wright *et al.*, 2012).	
	All seabirds (divers, grebes, cormorant/shag, seaducks, tubenoses, gannet, gulls, terns, and auks) and	Increased risk of mortality due to collision with wind turbine generators (WTGs).	Operation	Assessment will be based on species-specific foraging ranges (Woodward *et*	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	migratory birds (incl. waders and wildfowl)			*al.*, 2019) and migration routes (Wright *et al.*, 2012).	
	All seabirds (divers, grebes, cormorant/shag, seaducks, tubenoses, gannet, gulls, terns, and auks) and migratory birds (incl. waders and wildfowl)	Barrier effect of WTGs to regular movements of birds to and from breeding colonies or on migration.	Operation	Assessment will be based on species-specific foraging ranges (Woodward *et al.*, 2019) and migration routes (Wright *et al.*, 2012).	
	All seabirds (divers, grebes, cormorant/shag, seaducks, tubenoses, gannet, gulls, terns, and auks)	Displacement of birds from foraging or loafing areas due to effective loss of habitat if birds avoid the wind farm and its surrounds due to the physical presence of project infrastructure and maintenance activities.	Operation	Assessment will be based on species-specific foraging ranges (Woodward *et al.*, 2019) and migration routes (Wright *et al.*, 2012).	
	Diving birds (divers, grebes, cormorant/shag, seaducks, gannet, terns, and auks)	Ghost fishing from lost fishing gear caught around mooring lines and cables could pose an entanglement risk to diving seabirds.	Operation	Assessment will be based on species-specific foraging ranges (Woodward *et*	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
				al., 2019) and migration routes (Wright *et al.*, 2012).	
	Seabirds (cormorant shag, gulls and terns)	Creation of roosting habitat for birds due to presence of floating platforms and associated infrastructure.	Operation	Assessment will be based on species-specific foraging ranges (Woodward *et al.*, 2019) and migration routes (Wright *et al.*, 2012).	
	Seabirds (tubenoses)	Attraction of nocturnal seabirds (shearwaters and petrels) to lighting on project infrastructure.	Operation	Assessment will be based on species-specific foraging ranges (Woodward *et al.*, 2019) and migration routes (Wright *et al.*, 2012).	
	All seabirds (divers, grebes, cormorant/shag, seaducks, tubenoses, gannet, gulls, terns, and auks)	Direct loss of breeding, roosting and foraging habitat due to the placement of project infrastructure.	Construction; Operation; Decommissioning	Assessment will be based on species-specific foraging ranges (Woodward *et*	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
				al., 2019) and migration routes (Wright *et al.*, 2012).	
	All seabirds (divers, grebes, cormorant/shag, seaducks, tubenoses, gannet, gulls, terns, and auks)	Disturbance (noise and visual) to birds from installation and decommissioning activities.	Construction; Decommissioning	Assessment will be based on species-specific foraging ranges (Woodward *et al.*, 2019) and migration routes (Wright *et al.*, 2012).	
Marine Mammals	All marine mammals	Operations associated with the Project, such as vessel movements and installation of moorings, will produce underwater noise, which has the potential to affect marine mammals and reptiles.	Construction; Operation; Decommissioning	Assessment will be based on respective marine mammal/seal management unit	
	All marine mammals and reptiles	There is potential for UXOs to be present in the area; if this is the case, their controlled detonation can cause injury to marine mammals and reptiles	Construction	Assessment will be based on respective marine mammal/seal management unit	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	All marine mammals and reptiles	There is increased collision risk from the vessels to be used during the Project, which may cause harm to marine mammal and reptile species.	Construction; Operation; Decommissioning	Assessment will be based on respective marine mammal/seal management unit	
	All marine mammals and reptiles	Accidental and unplanned release of chemicals and pollutants from vessels used during the Project has the potential to cause harm to marine mammals and turtles.	Construction; Operation; Decommissioning	Assessment will be based on respective marine mammal/seal management unit	
	All marine mammals and reptiles	Operations associated with the Project may cause sediment resuspension and so changes in water quality, which may impact the visual behaviour of marine mammals and reptiles.	Construction; Decommissioning	Assessment will be based on respective marine mammal/seal management unit	
	All marine mammals and reptiles	Infrastructure associated with the Project may cause barrier effects from the mooring lines, which could disrupt the passage of marine mammals and turtles.	Operation	Assessment will be based on respective marine mammal/seal management unit	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	All marine mammals and reptiles	Mooring lines and cabling between the platform and the anchors used during the project could pose an entanglement risk to marine mammals and reptiles.	Operation	Assessment will be based on respective marine mammal/seal management unit	
	Pinnipeds	The presence of vessels close to the coast could lead to the disturbance of coastal and onshore habitats used by seals e.g. haul-out sites, breeding and foraging areas.	Construction; Operation; Decommissioning	Assessment will be based on respective marine mammal/seal management unit	
	All marine mammals and reptiles	Subsea cables for the Project will emit electromagnetic frequency (EMF), which can impact the navigation of marine mammal and turtle species.	Operation	Assessment will be based on respective marine mammal/seal management unit	
	All marine mammals and reptiles	The Project operations have the potential to cause indirect effects to marine mammal and turtle species through impacts to their prey.	Construction; Operation; Decommissioning	Assessment will be based on respective marine mammal/seal management unit	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
Commercial Fisheries	Commercial Fisheries	Loss/damage to fishing grounds (long-term) due to presence of floating turbine anchors/cable protection (and associated reduction in revenue).	Construction; Operation; Decommissioning	100 m	
	Commercial Fisheries	Loss/damage to fishing grounds (long-term) due to presence of cable (export) protection.	Construction; Operation; Decommissioning	100 m	
	Commercial Fisheries	Restricted access to/displacement from fishing grounds (long-term).	Construction; Operation; Decommissioning	100 m	
	Commercial Fisheries	Reduction in water depth.	Construction; Operation; Decommissioning	n/a	Any change will be minimal. Exclusion of trawling may lead to reduction in depth, but scour may cause increase.
	Commercial Fisheries	Contamination of fish stocks.	Construction; Operation; Decommissioning	1 km	
	Commercial Fisheries	Snagging resulting from seabed obstruction.	Construction; Operation; Decommissioning	100 m	
	Intertidal Commercial Fisheries	Restricted access to/displacement from fishing grounds (temporary).	Construction; Operation; Decommissioning	100 m	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
Navigation and Shipping	Recreational and commercial vessels	Interaction of Project vessels with commercial, fishing and recreational vessels.	Construction; Operation; Decommissioning	100 m	
	Recreational and commercial vessels	Impacts on vessel routes.	Construction; Decommissioning	100 m	
	Recreational and commercial vessels	Displacement of anchorages.	Construction; Operation; Decommissioning	100 m	
	Recreational and commercial vessels	Impacts on navigational safety.	Construction; Operation; Decommissioning	100 m	
	Recreational and commercial vessels	Increased collision risk with other marine users.	Construction; Operation; Decommissioning	100 m	
	Recreational and commercial vessels	Increased collision risk with Project devices.	Construction; Operation; Decommissioning	100 m	
	Recreational and commercial vessels	Potential collision between passing/work vessels and project infrastructure.	Construction; Operation; Decommissioning	100 m	
	Recreational and commercial vessels	Interaction with subsea cables.	Construction; Operation; Decommissioning	100 m	
Marine	Military Activity	Disruption to existing MoD and	Construction;	100 m	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
Infrastructure and Other Users		Royal Navy activity in and around the Castlemartin range and surrounding sea area.	Operation; Decommissioning		
	Unexploded Ordnance (UXO)	Interaction with UXO has the potential to cause risk to life and damage to ecological receptors.	Construction; Decommissioning	Varies by species; see other categories	
	Disposal Sites	Risk of construction works / vessels creating direct impacts (disturbance of spoil material) on known marine disposal sites.	Construction; Operation; Decommissioning	1 km	
	Ports and Harbours	Disruption to routine port operations via project-related activities.	Construction; Operation; Decommissioning	100 m	
	Cables	Damage to existing cables.	Construction; Operation; Decommissioning	100 m	
	Aggregate Extraction	Potential impact on licensed marine aggregate activities.	Construction; Operation; Decommissioning	100 m	
	Oil and Gas Operations	Potential impact on licensed oil and gas exploration activities.	Construction; Operation; Decommissioning	100 m	
	Other Renewable Energy Projects	Potential adverse impacts on planned marine renewable energy projects in the Study Area.	Construction; Operation; Decommissioning	100 m	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
Archaeology	Buried Archaeological/(Palaeo) Environmental Remains. Indirect impact associated with changes to marine and coastal processes	Direct impacts on sites within the footprint of the proposed Project causing destruction or damage of the assets. Indirect impact associated with changes to marine and coastal processes.	Construction; Operation; Decommissioning	100 m	
	Maritime and Aviation Sites	Direct impacts on sites within the footprint of the proposed Project causing destruction or damage of the assets. Indirect impact associated with changes to marine and coastal processes.	Construction; Operation; Decommissioning	100 m	
	Marine and Intertidal Heritage Assets	Direct impacts of sites within the footprint of the proposed Project. Indirect impacts associated with changes to marine and coastal processes.	Construction; Operation; Decommissioning	1 km	
	Current Archaeological Research in Wales	Potential positive impact of publishing fieldwork results and archaeologically assessed geophysical and geotechnical data, as well as any finds identified.	Construction	n/a	
Airborne Noise	Offshore Ecological and Human Receptors	Noise disturbance arising during all phases of the project to offshore receptors.	Construction; Operation; Decommissioning	n/a	
Aviation and Radar	All aircraft	Increased collision risk due to	Construction; Operation;	North-eastern	Range dependent on various complex

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
		offshore WTG infrastructure.	Decommissioning	Celtic Sea	variables, depending on aviation receptors. NE Celtic Sea range used as precautionary extent.
	Primary Surveillance Radar	Physical obstruction of WTGs and the generation of unwanted returns (returns that are not aircraft) to radar. Interference.	Construction; Operation; Decommissioning	North-eastern Celtic Sea	Range dependent on various complex variables, depending on aviation receptors. NE Celtic Sea range used as precautionary extent.
	Aeronautical navigation aids and communication systems	Possibility of WTGs interfering with radio communication between Air Traffic Controllers and aircraft under their control.	Construction; Operation; Decommissioning	North-eastern Celtic Sea	Range dependent on various complex variables, depending on aviation receptors. NE Celtic Sea range used as precautionary extent.
	Offshore helicopter operations (SAR)	Risk of interaction between SAR helicopter service and offshore infrastructure.	Construction; Operation; Decommissioning	North-eastern Celtic Sea	Range dependent on various complex variables, depending on aviation receptors. NE Celtic Sea range used as precautionary extent.
Seascape, Landscape and Visual Impacts	Landscape Character of the PCNP	Adverse impact on landscape character of the PCNP from offshore WTGs and onshore substation.	Construction; Operation; Decommissioning	45 km	SNH, 2017
	Character of Registered Landscapes of	Registered Landscapes of Outstanding or Special Interest lie	Construction; Operation;	45 km	

Sector	Topic	Potential Impact	Project Phase	Zone of Influence	Reference/comment (if applicable)
	Outstanding or Special Interest	in close proximity to proposed works.	Decommissioning		
	Regional Seascape Character	WTGs and associated offshore infrastructure would be new features in the seascape.	Construction; Operation; Decommissioning	45 km	
	Users of the Pembrokeshire Coast Path and other PRoWs.	Adverse impact on visual amenity via all project phases.	Construction; Operation; Decommissioning	45 km	
	Other coastal users, including beach / recreational users	Adverse impact on visual amenity via all project phases.	Construction; Operation; Decommissioning	45 km	
	Local residents	Adverse visual impact via construction works and final project infrastructure (WTGs offshore; onshore substation).	Construction; Operation; Decommissioning	45 km	
	Visitors to Lundy Island	Visual impact on seascape for visitors to Lundy Island.	Operation	45 km	
	Landscape Character of Gower AONB	NA	Operation	45 km	

2. Offshore Cumulative Screening Matrices

Table 2.1 to Table 2.6 details the plans and projects identified as relevant to the CEA based on the ZOIs provided in Table 1.1. For offshore wind farms, the website https://www.4coffshore.com/ was used to identify all projects within the most extensive ZOI (the mean manximum foraging range for Manx shearwater plus 1 standard deviation as reported by Woodward *et al.*, 2019[3]), which encompasses all the other relevant ZOIz. For other offshore developments, The Crown Estate website and Emod.net were used to identify projects.

[3] Woodward I, Thaxter CB, Owen E, and Cook ASCP, 2019. Desk-based revision of seabird foraging ranges used for HRA screening. Report of work carried out by the British Trust for Ornithology on behalf of NIRAS and The Crown Estate BTO Research Report No. 724.

Table 2.1: Offshore cumulative effects screening results for Offshore Renewables projects

Key

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5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
2B Energy Eemshaven Test (onshore)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
A Mariña	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Aberdeen (EOWDC)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Adlergrund 500	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Adlergrund GAP	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Adlergrund Nordkap	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
AEGIR 4	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Aegir Energipark	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Ægir Havvindpark	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Afefa	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Aflandshage	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
AFLOWT (Accelerating market uptake of Floating Offshore Wind Technology)	France	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Aida	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Aiolos	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Ajos	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Al Andalus	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Albatros	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Aldergrund	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Alisio	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Almagrundet	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Alpha Ventus	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Ameland Potentiele Zoekgebieden	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Amrumbank West	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Andalucia - Capital Energy (six projects)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Anemone	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Anholt	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
ANIAR Offshore Array - phase 1	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
ANIAR Offshore Array - phase 2	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
AquaPrimus	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Arcadis Ost 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Area 1 (Eesti Energia)	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Area 2 (Eesti Energia)	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
AreaC I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
AreaC II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
AreaC III	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Argyll Array	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Arklow Bank - phase 1	Ireland	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Arklow Bank - phase 2	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Arkona	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
ArkonaSee Ost	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
ArkonaSee Süd	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
ArkonaSee West	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Aspen	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Atair	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Atlantic Array - phase one	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Atlantic Array - phase three	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Atlantic Array - phase two	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Atlantic Marine Energy Test Site	Ireland	Offshore Wind	4COffshore	6	6	6	6	4	5	6	6	6	6	6	6
Atlantic Marine Energy Test Site	UK	Offshore Wave	Crown Estate	6	6	6	6	4	3	6	6	6	6	6	6
Atlantida	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Atlantis I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Atlantis II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Atlantis III	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Aurora	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Austerngrund	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
AVEC - 1	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
AVEC - 2	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Avedøre Holme	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Awel y Môr	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
A-Wind	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bajo Ximiela	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
BALEA	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltex-2	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltex-4	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltex-5	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Blue - Area A - phase III	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Blue - Area B - phase III	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Blue - Area C - phase II	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Blue - Area D - phase II	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Blue - Area E - phase I	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Eagle	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Energy Group	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Power	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Power	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Wind Park - phase 1	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltic Wind Park - phase 2	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Baltica 1	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltica 2	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Baltica 3	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bałtyk I	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bałtyk II	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bałtyk III	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bałtyk Środkowy I	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Banco de Trafalgar (Cádiz)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Banco di Pantelleria e Banchi di Avventura	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Barbara	Malta	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Barbate	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
BARD Offshore 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Bari	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Barrow	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
Beatrice	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Beatrice Demonstration	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Beaufort (formerly Katwijk)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Beech	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Belita	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bell Rock	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Bella	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Beltsee	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Belwind	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Belwind Alstom Haliade Demonstration	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Berwick Bank	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Beta Baltic	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bight Power I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Bight Power II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Bilice	Croatia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Biscay Marine Energy Park (BIMEP)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Blackwater	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Blekinge Offshore AB	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Blue H - 5 MW Demonstrator	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
BlueSATH	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Blyth	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Blyth Offshore Demonstrator - phase 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Blyth Offshore Demonstrator - phase 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Bockstigen	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Borkum Riffgrund 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Borkum Riffgrund 2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6

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Borkum Riffgrund 3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Bornholm	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bornholm (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bornholm I	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bornholm II	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bornholm III - Screened Area For Future Offshore Wind Project	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Borssele 1 and 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Borssele 3 and 4 - Blauwwind	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Borssele Site V -Leeghwater - Innovation Plot	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Boulogne Grand Large	France	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Branca	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Breeveertien	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Breeveertien II	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Breitling	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Bretagne Sud - 500 MW Tender (Floating)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Brindisi	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Britannia 10MW Turbine Project	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Brown Ridge Oost	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Bruine Bank	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Burbo Bank	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Burbo Bank Extension	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Butendiek	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
B-Wind	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cabildo	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cabo de Trafalgar	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cadiz I y IV	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cailleach	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Callantsoog Noord	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Callantsoog Oost	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Callantsoog West	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Callantsoog Zuid	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Calvados	France	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Camilla	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Canale di Sicilia	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
CANARRAY I	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
CANARRAY II	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Canary Island Test Areas	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cap Term	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
CARDON	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cártago	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Cataluna - Capital Energy (two projects)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Celtic Array North East Potential Development Area	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Celtic Array South West Potential Development Area	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Celtic Sea - Floating Leases	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Cenos	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Centrale Eolica Offshore Brindisi	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Centrale eolica off-shore Chieuti	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Centrale eolica offshore di Termoli	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Centrale eolica off-shore Golfo di Manfredonia	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Centrale eolica off-shore Torre S.Gennaro	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cerano	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Chipiona I y II	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cirrus Shell Flat Array	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Clarus	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
Clearcamp	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Clogher Head	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Codling (Relevant Project)	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Colombino	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
COMUNI DI VECCHIANO, S. GIULIANO TERME E PISA	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Concordia I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Concordia II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Cooley Point	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Corfu	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cornelia	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Costa de Azahar (Castellón)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Costa de la Luz (Cádiz)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Costa de la Luz (Huelva province)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Cromer	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
C-Wind	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
DanTysk	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
DanTysk DK	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Darß - priority area for wind energy	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
DEEPOFFSHOREWIND	Malta	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Delta Nordsee 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Delta Nordsee 2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
DEMOGRAVI3	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
DemoSATH - BIMEP	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Den Haag I	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Haag II	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Haag III	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Den Haag Noord	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder 1	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder 3	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder I	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder I	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder II	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder III	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder IV	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder Noord	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Den Helder Zuid	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Designated Wind Energy Area HK-NW	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Designated Wind Energy Area HK-W	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Designated Wind Energy Area HK-ZW	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Deutsche Bucht	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Deutsche Bucht Pilot Park	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Development Area 14.E.1	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 14.E.2	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 14.E.3	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 14.E.4	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 43.E.1	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 44.E.1	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 45.E.1	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 46.E.1	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 53.E.1	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 60.E.3	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Area 60.E.4	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Interest Site 1	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Interest Site 2	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Interest Site 3	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Interest Site 4	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Development Interest Site 5	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diamant	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Diapontia Islands	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase eight	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase five	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase four	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase nine	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase one	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase seven	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Diapontia Wind - phase six	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase three	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Diapontia Wind - phase two	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Dieppe - Le Tréport	France	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Djursland (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Docking Shoal	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Dogger Bank - Teesside C	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Dogger Bank - Teesside D	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Dogger Bank A	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Dogger Bank B	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Dogger Bank C	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Dogger Bank Tranche D	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Dolphyn Project - commercial	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Dolphyn Project - full scale	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Dolphyn Project - pre-commercial	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Dounreay Floating Offshore Wind Development Centre (DFOWDC)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Dr. Techn. Olav Olsen and Seawind Systems Demonstator - Metcentre	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Draig y Môr	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Dublin Array (Relevant Project)	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Dubrovnik	Croatia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Dudgeon	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Dudgeon Extension	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
DUNAS	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Dunkerque	France	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Durrazzo	Albania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Dyning	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
East Anglia Hub - ONE North	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
East Anglia Hub - THREE	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
East Anglia Hub - TWO	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
East Anglia ONE	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
ECO TLP - (DFOWDC)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Egmond aan Zee	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
El Arrecife	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
ELISA/ELICAN - Mario Luis Romero Torrent (PLOCAN site)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
EMEC Clean Energy From Ocean Waves (CEFOW) Phase 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	4	7	6	6	6	6	6	6
Emerald (Commercial)	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Emerald (Demonstration)	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Emergent Demand 1	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Emergent Demand 2	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
EnBW Baltic 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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EnBW Baltic 2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
EnBW He Dreiht	Germany	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Eneco Luchterduinen	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
ENOVA Offshore NSWP 10	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore NSWP 11	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore NSWP 12	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore NSWP 13	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore NSWP 14	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore NSWP 15	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore NSWP 8	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore NSWP 9	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ENOVA Offshore Project Ems Emden	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
EOLINK - EOLIENNE FLOTTANTE 12MW	France	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
EOLINK 1/10 scale prototype - THeoREM offshore test site	France	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
EOLINK 5 MW Demonstrator	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
EolMed	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
EolMed - Ideol & Quadran Commercial Scale Floating Project	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Esdras - Canarias	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Estonian-Latvian Tender	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Etruria	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Euklas	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Eurogeul Noord	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
European Energy - Hanstholm Øst	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
European Energy GBF Enhanced Demo	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
European Energy Life Cycle Improvements Demo	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Eystrasalt	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
FabTest, Falmouth Bay	UK	Offshore Wave	Crown Estate	6	6	6	6	4	7	6	6	6	6	6	6
Fair Head	UK	Offshore Tidal	Crown Estate	6	6	6	6	4	3	6	6	6	6	6	6
Fairwind	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Fällbådan	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Fanø Bugt - Screened Area For Future Offshore Wind Project	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Favorius	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Fécamp	France	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
FEW Baltic II	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Finngrunden	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
First Flight Wind	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Five Estuaries	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
FLAGSHIP - Metcentre	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
FLOATGEN Demonstrator 2 (ACCIONA/Olav Olsen/Navantia)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Floatgen Project	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Floating Offshore Wind Canarias (FOWCA)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Floating Power Plant - Dyfed Floating Energy Park	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Floating Power Plant - Ireland	Ireland	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Floating Power Plant - Katanes Floating Energy Park - Array	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Floating Power Plant - Katanes Floating Energy Park - Commercial	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Floating Power Plant - Katanes Floating Energy Park - Pilot	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Floating Power Plant - PLOCAN	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
FLOCAN 5	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
FLOTANT - PLOCAN	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Flotation Energy North Sea Oil and Gas Transition Project	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Foce Verano	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
FOEDUS	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Forth Array	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
ForthWind Offshore Wind Demonstration Project - phase 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
ForthWind Offshore Wind Demonstration Project - phase 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Fosen Offshore Vindpark-Fase1	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Fosen Offshore Vindpark-Fase2	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Fosen Offshore Vindpark-Fase3	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
France - 2024 Tender	France	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
France - 2024 Tender(s) (Fixed/Floating)	France	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
France - 2026 Tender(s) (Fixed/Floating)	France	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
France - 2027 Tender(s) (Fixed/Floating)	France	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
France - 2028 Tender(s) (Fixed/Floating)	France	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
Frederikshavn	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Frederikshavn - Screened Area For Future Offshore Wind Project	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Frederikshavn Offshore Wind Demo	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
FREIA 1 - Floating Renewable Energy Innovation Array	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
FREIA 2 - Floating Renewable Energy Innovation Array	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Frøyabanken	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Frøyagrunnene	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Future Project 2 (Post 2030)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Future Project 3 (Post 2030)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Fyrskeppet	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gaelectric Foreshore Test Sites	Ireland	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Gaelectric/Ideol	Ireland	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
GAIA I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
GAIA II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
GAIA III	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
GAIA IV	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
GAIA V	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Galatea-Galene	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Galicia - Capital Energy	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Galloper	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Galway Bay Marine and Renewable Energy Test site	Ireland	Offshore Wind	4COffshore	6	6	6	6	4	7	6	6	6	6	6	6
Gamesa 5MW Test Turbine (onshore) ARINAGA HARBOUR	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gannet	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Gargano Nord	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
GE - Østerild - stand 9 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
GE Renewable Energy - Høvsøre stand 7 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gedser Rev	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gemini	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Gennaker	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
GEOFReE (GErman Offshore Field for Renewable Energy)	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
GEROA (Green Energy Research for Offshore Atlantic)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
GICON Schwimmendes Offshore Fundament (SOF) Pilot	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
GICON® SOF 6-8MW Test Turbine	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Gimsøy nord	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gimsøy Offshorepark	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Ginevra	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Global Tech I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Global Tech II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Gode Wind 1 and 2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Gode Wind 3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
GOFIO	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Golfe du Lion	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Golfo di Gela	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Golfo di Manfredonia	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Golfo di Trieste	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Göteborg Wind Lab (Onshore)	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Gotland	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gran Canaria Este	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Greater Gabbard	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Grenaa Havn	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Gretas Klackar	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gretas Klackar II	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Greystones	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Groix & Belle-Île	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
GUANCHE	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Gunfleet Sands	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Gunfleet Sands 3 - Demonstration Project	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Gustav Dahlén 1	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gustav Dahlén 2	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Gwind - Spinwind 1	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Gwind - Spinwind 2	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Gwynt y Môr	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
H2-20	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Hakefjorden - Vindplats Göteborg	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Haliade 150-6MW - Østerild - stand 1 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Haliade-X 12 MW Prototype - Cherbourg (Onshore)	France	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Haliade-X 12-14MW Prototype - Maasvlakte (Onshore)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Halsnæs (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Haugøya 8MW Onshore Test Turbine	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Havsul I	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Havsul II	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Havsul IV	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
He dreiht II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Helder	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Helmveld	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Heron	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Hesselø - 2021 Tender - Direct Connection to Land	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
HEXICON	Malta	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
HEXICON - Blekinge Utklippan	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Hiddensee - reserve area for wind energy	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Hiiumaa	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
HiPRWind	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Hoek van Holland 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Hoek van Holland 3	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Hoek van Holland 4	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Hoek van Holland1	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Hohe See	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Hollandse Kust Noord (Tender 2019)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Hollandse Kust West (Tender 2021) Site VI	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Hollandse Kust West (Tender 2021) Site VII	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Hollandse Kust Zuid Holland I and II (Tender 2017)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Hollandse Kust Zuid Holland III and IV (Tender 2019)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Holyhead Deep (Minesto)	UK	Offshore Tidal	Crown Estate	6	6	6	6	4	3	6	6	6	6	6	6
Hooksiel	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6

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Hopper	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
HoriWind	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Horizon	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Horizont I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Horizont II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Horizont III	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Horizont IV	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Horns Rev 1	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Horns Rev 2	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Horns Rev 3	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Hornsea Project Four	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Hornsea Project One	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Hornsea Project Three	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Hornsea Project Two	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Høvsøre prøvestation for store vindmøller (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
HTOD 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
HTOD 2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
HTOD 3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
HTOD 4	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
HTOD 5	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
HTOD 6	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Huelva I al VII	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Humber Gateway	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Hunterston Test Centre - Mitsubishi 7MW (onshore)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Hunterston Test Centre - Siemens 6MW (onshore)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Hunterston Test Centre (onshore)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Hywind Scotland Pilot Park	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Hywind Tampen	Norway	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Ideol/Atlantis Energy 1.5 Floating Project	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Ideol/Atlantis Energy 1.5 Floating Project - phase one	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Idunn energipark	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
IJmuiden	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
IJmuiden 1	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
IJmuiden 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
IJmuiden Ver - Designated Wind Energy Area	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
IJmuiden Ver - Site I - (Tender 2023)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
IJmuiden Ver - Site II - (Tender 2023)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
IJmuiden Ver - Site III - (Tender 2025)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
IJmuiden Ver - Site IV - (Tender 2025)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Ijmuiden Ver - Site V - (Tender 2026)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6

Key

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Ilen	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Impianto eolico off shore Banco di Talbot	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Impianto eolico off-shore nel golfo di Gela (Butera)	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Inch Cape	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
InFLOW (INdustrialization setup of a FLoating Offshore Wind turbine)	France	Offshore Wind	4COffshore	8	8	8	8	8	8	8	8	8	8	8	8
Inis Ealga Marine Energy Park	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
Inkoo-Raaseporin	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Inner Dowsing	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Irene Vorrink	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Is Arenas	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Isla Cristina	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Isla Cristina y Lepe	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Islay	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Isle of Man	Isle of Man	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Jammerbugt - Screened Area For Future Offshore Wind Project	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Jammerbugt Nord (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Jammerbugt Syd (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Jammerbugten	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Jammerbugten Nord	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Jammerland Bugt	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Jammerland Bugt (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
JK ENERGY Offshore Wind Park	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Jules Verne	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Jyske Banke - Screened Area For Future Offshore Wind Project	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
KadetBanke	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kaikas	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Kårehamn	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Karmøy - Marine Energy Test Centre(Metcentre) - Fixed	Norway	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Karmøy - Marine Energy Test Centre(Metcentre) - Floating	Norway	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Kaskasi	Germany	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
KASKASI (discontinued area)	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Kattegat I - Screened Area For Future Offshore Wind Project	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Kattegat II - Screened Area For Future Offshore Wind Project	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Kattegatt Offshore	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Kattegatt Syd	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Katwijk Buiten	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Kemin Ajoksen I	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kemin Ajoksen II	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kemin Ajoksen Meriperustushanke	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kemin Ajoksen merituulivoimapuiston	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Kentish Flats	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Kentish Flats Extension	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Kilmichael Point	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Kincardine - DOLPHYN - 2 MW demo	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Kincardine - phase 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Kincardine - phase 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Kintyre	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Klasarden	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Klocktärnan	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Køge Bugt (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kokkolan merituulivoimapuiston - Innopower	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kokkolan merituulivoimapuiston - Mervento	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Korsnäs	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Korsnäs - Forststyrelsen	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kotka	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kriegers Flak	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kriegers Flak - Screened Area - Direct Connection to Land	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kriegers Flak II	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kriegers Flak III	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kristiinankaupungin edustan merituulivoimapuisto	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kultje	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Kvitsøy - Marine Energy Test Centre(Metcentre)	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Læsø	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Lake Peipus	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Långgrund	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Långgrund II	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lanzarote Este	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Las Cruces del Mar	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Latitude 52	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Leeghwater - Far Offshore Demonstration Park	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Lely	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Levenmouth demonstration turbine	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Licence Application No. 11	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 12	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 14	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 15	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 16	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 17	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 18	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 19	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Licence Application No. 20	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 21	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 22	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 23	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 24	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 25	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 26	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 27	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 27a	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 28	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 29	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 29a	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 30	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 31	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 31a	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 32	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 33	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 34	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 35	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 36	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 37	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 38	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 39	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 4	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 40	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 42	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 43	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 44	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 46	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 47	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 48	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 49	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 50	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 51	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 52	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 53	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 54	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 67	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 69	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 71	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Licence Application No. 72	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 73	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 74	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 75	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 76	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 77	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 78	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Licence Application No. 79	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Liivi laht	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lillebælt Syd (Lillegrund)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lillegrund (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lillgrund	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lincs	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Lithuania - Wind Energy Development Area 1	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lithuania - Wind Energy Development Area 2	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lithuania - Wind Energy Development Area 3	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lithuanian Tender 1 - 2023	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Lithuanian Tender 2 - Date TBC	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Llŷr 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Llŷr 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Lofoten Havkraftverk	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
London Array	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
London Array -phase 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Lynn	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Maakrunnin	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Maas West Buiten	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Maasvlakte Potentiele Zoekgebieden	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Makani Floating Wind Turbine - Kite Technology Demonstrator - Metcentre	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Mar de Alborán	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Mar de la Janda	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Mar de Trafalgar	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marakallen	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marche 1	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Mareld	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Margherita di Savoia	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marine Spatial Plan: Energy Research Area E1	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marine Spatial Plan: Energy Research Area E2	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marine Spatial Plan: Energy Research Area E3	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marine Spatial Plan: Energy Research Area E4	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marine Spatial Plan: Energy Research Area E5	Latvia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Marr Bank	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Marthakiou	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Marviken	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Mathraki	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Méditerranée 2022 Tender I (Floating)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Méditerranée 2022 Tender II (Floating)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Méditerranée 500 MW Tender I (Floating)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Méditerranée-500 MW Tender II (Floating)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Meerwind Süd/Ost	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Meerwind West	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Mejlflak	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
MEP EAST 2	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
MEP North	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Merkur	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
META Warrior Way	United Kingdom	Offshore Wave/Tidal	Marine Energy Wales	7	3	3	3	4	7	7	6	3	3	4	3
META Dale Road	United Kingdom	Offshore Wave/Tidal	Marine Energy Wales	3	3	3	3	4	7	7	6	3	3	4	3
META East Pickard Bay (Bombora)	United Kingdom	Offshore Wave/Tidal	Marine Energy Wales	3	3	3	3	4	7	7	6	3	3	4	3
Middelgrunden	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Miñarzo	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Ming Yang 6MW Demo - Metcentre	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
MOJO	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Mona	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Moneypoint Offshore One	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Moneypoint Offshore Two	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Moray East	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Moray West	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Morbihan - 2021 Tender (Floating)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Morecambe	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Mørevind offshore vindkraftverk	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Morgan	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
MULTIPLAT2	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
MUSICA	Ireland	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
MUSICA - phase 3	Malta	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
MUSICA - phase 4	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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N-10.1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-10.2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-11-1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-11-2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-11-3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-12.1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-12.2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-12.3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-12.4	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-12.5	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-13-1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-13-2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-13-3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-3.5	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-3.6	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-3.7	Germany	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
N-3.8	Germany	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
N-5	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
N-6.6	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-6.7	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-7.2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
N-9.1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-9.2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-9.3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
N-9.4	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Nasva	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
National Interest Area for Wind Farm Development	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nautilus Demonstration	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nautilus I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Navitus Bay Wind Park	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Neart na Gaoithe	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Nemo	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nénuphar - large scale prototype	France	Offshore Wind	4COffshore	8	8	8	8	8	8	8	8	8	8	8	8
Nénuphar test site - MISTRAL - Golfe de Fos	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nénuphar TWINFLOAT - pilot wind farm (VertiMED)	France	Offshore Wind	4COffshore	8	8	8	8	8	8	8	8	8	8	8	8
Nénuphar Vertifloat (onshore)	France	Offshore Wind	4COffshore	8	8	8	8	8	8	8	8	8	8	8	8
Nénuphar VERTIWIND (onshore)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
NEPTUN	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
NEPTUNE I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
NEPTUNE II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6

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NEPTUNE III	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Netherlands- post 2030 Tender A	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Netherlands- post 2030 Tender B	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Netherlands- post 2030 Tender C	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Netherlands- post 2030 Tender D	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Netherlands- post 2030 Tender E	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Netherlands- post 2030 Tender F	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Neugrund	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nezzy² 1:10-scale prototype	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nissum Bredning Vind	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Njord	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
NOAKA - North of Alvheim and Askja-Krafla	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nobelwind	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Nogersund - Svante 1	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Noirmoutier	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nólsoynna	Faroe Is.	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Noord Hinder	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Noord Hinder 1	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Noord Hinder 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nordergründe	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Norderland	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Norderland	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nord-Holland boven Noordzeekanaal Potentiele Zoekgebieden	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nördlicher Grund	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nordmela	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
NORD-OST PASSAT I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
NORD-OST PASSAT II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
NORD-OST PASSAT III	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nordøyan – Ytre Vikna	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nordpassage	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nordre Flint	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nordsee One	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Nordsee Ost	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Nordsee Three	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nordsee Two	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nordsøen - Tender 1	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 10	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 2	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 3	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 4	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6

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Nordsøen - Tender 5	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 6	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 7	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 8	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen - Tender 9	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen I - Screened Area - Direct Connection to Land	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen II - Screened Area - Island Connection	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Nordsøen III - Screened Area - Island Connection	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Norfolk Boreas	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Norfolk Vanguard	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Normandie	France	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
Norra Klasgrunden	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
North Celtic Sea	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
North Falls	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
North Hoyle	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
North Irish Sea Array (NISA) - Pilot	Ireland	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
North Irish Sea Array (Relevant Project)	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Norther	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Northern Ireland Tidal Stream Area	United Kingdom	Offshore Wind	4COffshore	8	8	8	8	8	8	8	8	8	8	8	8
Northern Ireland Wind Resource Zone 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Northwester 2	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Northwind	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Notos	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nouvelle-Aquitaine - 2022 Tender (Fixed)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Nouvelle-Aquitaine - 2023 Tender (Fixed)	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
NOVA (Novel Offshore Vertical Axis) Project	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
NOVA (Novel Offshore Vertical Axis) Project Demonstrator	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Nyrup Bugt (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Nysted	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
O-1.3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
O-7	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Offshore Island Porto Santo - OIPS	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Offshore Wind Farm Study	Guernsey	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Offshore Wind Farm Study	Jersey	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Ohaka Energia OÜ	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Okeanos	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Öland	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Olderveggen	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Omo Stalgrunde	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Omø Syd	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Oost Friesland	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Oriel (Relevant Project)	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Oristano	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Ormonde	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Oskarshamn	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Østerild: Nationalt testcenter for store vindmøller(onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Osters Bank 1	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Osters Bank 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Osters Bank 3	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Osters Bank 4	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Östra Skärgården	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Ostseeperle	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Ostseeschatz	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Othonoi	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Oulun Haukiputaan merituulipuisto	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Oulunsalo-Hailuoto	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Outer Dowsing	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
OWP Albatros - undeveloped area	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
P12	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
P15-WP	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Palamos	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Paludan Flak	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Parco eolico Marino Gargano Sud	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Parco eolico off-shore fra Mazara e Petrosino	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Parco Eolico Offshore Golfo di Manfredonia	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Parco Eolico Offshore Nel Canale di Sicilia	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
PelaStar Demonstrator - Wave Hub	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Pembrokeshire Demonstration Zone	United Kingdom	Offshore Wave	4COffshore	5	5	5	5	5	5	5	5	5	5	5	5
Pentland	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Pentland Floating Offshore Wind Demonstrator	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Pertunmatala	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Petlandskär	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Petrel	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Piedra La Tomasa	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Pitkämatalaan	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
PivotBuoy - PLOCAN	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
PLOCAN (Plataforma Oceanica de Canarias)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Pommersche bucht	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Pomorze II	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Pomorze III	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Porto Torres	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Poseidon Nord	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Poseidon P37	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Poseidon P60 - Mermaid	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Poseidon P80 - (DFOWDC)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Poseidon Syd	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
POSITION B Test Turbine(onshore) ARINAGA HARBOUR	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Princess Elisabeth - Fairybank/Nordhinder Zuid - 2025 Tender	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Princess Elisabeth - Noordhinder Noord - 2023 Tender	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Prinses Amaliawindpark	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Provence Grand Large	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
PROWIND 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
PROWIND 2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
PROWIND 3	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Proyecto EMERGE	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Puerto de Bilbao	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Punta Aliaga	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Punta de las Olas	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Punta de las Salinas (Castellón)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Punta de Lens	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Punta del Gato (Huelva)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Q4	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Q4 West	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Q7-West	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Raahe - Maanahkiaisen	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Race Bank	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Race Bank Extension	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Rampion	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	7	6	6	6	6	6	6
Rampion 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Rata Storgrund - phase 1	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rata Storgrund - phase 2	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
ReaLCoE - Robust, Reliable and Large Offshore Wind Energy Converters for Clean, Low Cost and Competitive Electricity (Onshore)	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Renerga	Lithuania	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rennesøy - Marine Energy Test Centre(Metcentre)	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Rentel	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Reposaaren tuulipuisto	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rhiannon Wind Farm	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Rhyl Flats	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Riffgat	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6

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Riffgrond	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Rijnveld Noord	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Rijnveld Oost	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Rijnveld West	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Rijnveld Zuid	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Rimini	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rimini - 4POWER	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Robin Rigg	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Rodi Garganico	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rødsand 2	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Roheline Elekter	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Romagna 1	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Romagna 2	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rønland	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Rønland Havvindmøllepark	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Rønne Bakke	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rosa	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Roses	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Rotterdam Noord-West	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Round 4 - Area 1 (RWE Renewables)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Round 4 - Area 2 (RWE Renewables)	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Round 4 Leasing - Dogger Bank - Bidding Area 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Round 4 Leasing - Eastern Regions - Bidding Area 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Round 4 Leasing - Northern Wales and Irish Sea - Bidding Area 4	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Round 4 Leasing - South East - Bidding Area 3	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Ruyter Oost	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Ruyter West	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Saare	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Saare Liivi 1	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Saare Liivi 2	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Saare Liivi 3	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Saare Liivi 4	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sæby (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Sahariano	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Saint-Brieuc	France	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Saint-Nazaire	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Salamander	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Samsø	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Samsø Nord (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
San Borondón	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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San Brandan	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
San Cibrao	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
San Ciprian	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sandbank	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Sandbank extension	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Sandbank Plus	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Sardegna Sud Occidentale	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sarroch(Caliari)	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Scarweather Sands	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Sceirde (Skerd) Rocks (Relevant Project)	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Schaar	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Scheveningen 1	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Scheveningen 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Scheveningen 3	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Scheveningen 4	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Scheveningen 5	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Scheveningen Buiten	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Scottish Draft Plan Option - NE5	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Scottish Draft Plan Option - SW1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Scottish Sectoral Marine Plan - E1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - E2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - E3	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - N1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - N2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - N3	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - N4	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - NE1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - NE2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - NE3	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - NE4	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - NE6	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - NE7	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - NE8	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Scottish Sectoral Marine Plan - W1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Scroby Sands	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Sea Wind Kliwer	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Seagreen	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Seagreen 1A	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Seagull	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Seamade (Mermaid)	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6

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5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Seamade (SeaStar)	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
SeaStorm I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SeaStorm II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SeAsturLab - phase 2	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SeAsturLab - phase 3	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SeaTwirl P3	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SeaTwirl S1	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
SeaTwirl S2	Norway	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
SeaWind I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SeaWind II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SeaWind III	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SeaWind IV	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Secche di Vada	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Seewind	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sejerø Bugt (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Selvær offshore vindkraftverk	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SEM-REV - SITE D'EXPERIMENTATION EN MER - MARINE TEST SITE	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SEN-1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
SHARCO I	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SHARCO II	Poland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Shearwater One	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	3	6	6	6	6	6	6
Shelmalere	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Sheringham Shoal	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Sheringham Shoal Extension	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Siemens - Østerild - stand 8 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Siemens Gamesa - Høvsøre stand 6 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Siipyyn	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sikka l-Bajda	Malta	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Siragrunnen	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Site 1 Southern Moray Firth	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Site 3 East Aberdeen	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Site 4 Inner Hebrides	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Site 5 South East Aberdeen	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Site 6 East Shetland Site	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Sjollengrundet	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Skåne	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Skåne North	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Skottarevsprojektet	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Skua	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Smålandsfarvandet (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Söder Landsort	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Södra Klasgrunden	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Södra Midsjöbanken	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sofia	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Solway Firth	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Sørlige Nordsjø I	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Sørlige Nordsjø II - phase 1	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Sørlige Nordsjø II - phase 2	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Sørlige Nordsjø II - phase 3	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Sørlige Nordsjøen	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Sõrve	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sõrve 2	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sotenäs Offshore Park	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Sound of Islay Tidal Energy Project	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	4	5	6	6	6	6	6	6
South Irish Sea	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
South Pembrokeshire Demonstration Zone	UK	Offshore Wave	Crown Estate	6	6	6	6	4	5	6	6	6	6	6	6
Spinfloat Demonstrator	France	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Spinnaker	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sprogø	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SSE Renewables Braymore Point	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
SSE Renewables Celtic Sea	Ireland	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Stadthavet	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Stadtvind	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Steinshamn Offshore Vindpark	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Stenkalles grund	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Stopparen	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Stora Middelgrund	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Storgrundet	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Stribog I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Stribog II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Strom-Nord	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Strom-Süd	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sunly SW1	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sunly SW2	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sunly SW3	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sunly SW4	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Suurhiekka	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Svenska Björn Offshore	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SW10	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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SW5	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SW6	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SW7	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SW8	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SW9	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SWAY 1:6 Prototype	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SWAY 10MW (Onshore) test turbine	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SWAY 2.6MW Test	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
SWT 4.0-130 - Høvsøre stand 3 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SWT-4.0-130 - Østerild - stand 7 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SWT-4.3-130 - Høvsøre stand 5 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SWT-7.0-154 - Østerild - stand 6 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SWT-7.0-154 - Østerild - stand 7 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
SWT-8.0-154 - Østerild - stand 6 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sydkustens Vind	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Sylen	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Taggen Vindpark	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tahkoluoto	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tahkoluoto Extension	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Talasa	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Taranto	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tarragona I al IX	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tarragona IV al IX - phase 2	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Teesside	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Ten noorden van de Waddeneilanden - (Tender 2022)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
ten noorden van de Waddeneilanden Zoekgebieden	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Termoli	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Test Area Stadt - Floating Turbines	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
TetraSpar Demonstrator - Metcentre	Norway	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Thanet	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Thanet Extension	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
THE TEST PLATFORM OF ARINAGA HARBOUR (onshore)	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Thetys	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Thor - 2020 Tender	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Thornton Bank - phase I	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Thornton Bank - phase II	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Thornton Bank - phase III	Belgium	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
TLPWIND UK	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Tornion Röyttän merituulivoimapuisto	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Træna vest	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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Trænafjorden - Selvær	Norway	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Trafalgar I y IV	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tramuntana - phase 1	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tramuntana - phase 2	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Treå Møllebugt	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Trianel Windpark Borkum I	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Trianel Windpark Borkum II	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Tricase	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Triton	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Triton Knoll	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Trolleboda	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tromp Binnen	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Tromp Oost	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Tromp West	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Tunes Plateau	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Tunø Knob	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Tuuletraal	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
TwinHub	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	4	3	6	6	6	6	6	6
TwinWay - Metcentre	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Ulkonahkiainen	Finland	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
UNITECH Zefyros by Hywind Technology	Norway	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
UNKNOWN	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Utgrunden I	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Utgrunden II	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Uthland	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Utknallen	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Utposten	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Utposten II	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Utsira - phase 1	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Utsira - phase 2	Norway	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Utsira nord - phase 1	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Utsira nord - phase 2	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Utsira nord - phase 3	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Uttilias	Estonia	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
V164-9.5 MW - Østerild - stand 2 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
V174-9.5 MW - Østerild - stand 3 (onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Valorous	United Kingdom	Offshore Wind	4COffshore	3	3	3	3	3	3	3	4	3	3	3	3
Veja Mate	Germany	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Vejsnæs (Nearshore Tender Area)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Velling Mærsk(Onshore)	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

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5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Veneto 1	Italy	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Ventotec Nord 1	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Ventotec Nord 2	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Vest Nordsøen II + III - Screened Area - Island Connection	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Vesterhav Nord/Syd	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Vindeby	Denmark	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Vindpark Vänern	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Vindpark Vänern - Extension	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Vineta	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
W2Power Sea Trial	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
W2Power WIP10+ - 1:6 Scale prototype - PLOCAN	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Walney - phase 2	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Walney Extension	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Walney -phase 1	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Weiße Bank	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
West Islay Tidal Energy Park	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
West of Duddon Sands	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	2	7	6	6	6	6	6	6
Westermeerwind	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
Westermost Rough	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	6	7	6	6	6	6	6	6
West-Rijn	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
WFZ1	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WFZ2	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WFZ3	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WFZ4	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WFZ5	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
White Cross	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	5	5	6	6	6	6	6	6
Wieringermeerdijk	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Wigtown Bay	United Kingdom	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Wijk aan Zee	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Wikinger	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Wikinger Nord	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Wikinger Süd	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WIN 2 - phase 1	France	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
WIN 2 - phase 2	France	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
WIN 2 - phase 3	France	Offshore Wind	4COffshore	6	6	6	6	8	8	6	6	6	6	6	6
Wind Energy Search Area 1	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind Energy Search Area 2	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind Energy Search Area 3	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind Energy Search Area 4	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind Energy Search Area 5(middenberm)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6

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5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Offshore Renewables Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Wind Energy Search Area 5(oost)	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind Energy Search Area 6	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind Energy Search Area 7	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind Energy Search Area 8	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Windanker	Germany	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WindFloat 1 Prototype (WF1)	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WindFloat Atlantic (WFA)	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WindFloat Atlantic (WFA) - phase 2	Portugal	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
WindNed Noord	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
WindNed Zuid	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Windpark Fryslân	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	3	6	6	6	6	6	6
Windplanblauw	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Wind-Powered Water Injection (WIN WIN) prototype	Norway	Offshore Wind	4COffshore	6	6	6	6	6	5	6	6	6	6	6	6
Witte Bank	Germany	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Yttre Stengrund	Sweden	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Zeeland Potentiele Zoekgebieden	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Zèfir - phase 1	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
Zèfir - phase 2	Spain	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6
ZOWP - Zeeuws Offshore Wind Project	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
Zuid-en Noord-Holland onder het Noordzeekanaal Potentiele Zoekgebieden	Netherlands	Offshore Wind	4COffshore	6	6	6	6	6	8	6	6	6	6	6	6
ΘΑΠ Κέρκυρας - OWF preliminary siting	Greece	Offshore Wind	4COffshore	6	6	6	6	6	6	6	6	6	6	6	6

Table 2.2: Offshore cumulative effects screening results for Interconnector projects

Key

1	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.	2	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.	3	Potential cumulative impact exists: Screened in to assessment.	4	No conceptual effect-receptor pathway: Screened out of assessment.
5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Interconnector Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Aquind Interconnector	UK	Interconnector	Planning Inspectorate	6	6	6	6	4	5	6	6	6	6	6	6
Viking link	UK	Interconnector	Viking Link	6	6	6	6	4	3	6	6	6	6	6	6
Greenkink Interconnector	UK	Interconnector	Greenlink Ineterconnector Limited	3	3	3	3	4	3	4	3	3	3	4	3

Table 2.3: Offshore cumulative effects screening results for Marine Aggregate projects

Key

1	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.	2	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.	3	Potential cumulative impact exists: Screened in to assessment.	4	No conceptual effect-receptor pathway: Screened out of assessment.
5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Marine Aggregate Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Area 1 South	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Colbart	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Cross Sands	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Culver Extension	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Culver Extension	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Culver Extension	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
East Orford Ness	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
EEC 1 (former 503)	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
EEC 5 South	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
EEC 5 South	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Goodwin Sands	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Greenwich Light East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Greenwich Light East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Greenwich Light East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Greenwich Light East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Greenwich Light East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Hilbre Swash	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber 1	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber 2	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber 3	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber 3	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber 4	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber 4 and 7	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber 5	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber Estuary	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber Estuary	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber Estuary	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber Estuary	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Humber Overfalls	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Dowsing	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Dowsing	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Dowsing	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Dowsing	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Dowsing	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Owers	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Owers	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Owers	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Inner Owers	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4

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Marine Aggregate Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Inner Owers North	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Liverpool Bay	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Liverpool Bay	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Longsand	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Longsand	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Longsand	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Longsand	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Longsand	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Longsand	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Lowestoft	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Lowestoft	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Lowestoft	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Lowestoft	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Lowestoft Extension	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Median Deep	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Needles Isle of Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
NOBEL Banks	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Bristol Deep	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Bristol Deep	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Bristol Deep	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Bristol Deep	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Cross Sands	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Falls East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Inner Gabbard	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Inner Gabbard	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Middle Ground	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
North Middle Ground	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Great Yarmouth	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Great Yarmouth	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Great Yarmouth Extension	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Saltfleet	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Selsey Bill	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Selsey Bill	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Selsey Bill	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Off Selsey Bill	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Outer Dowsing	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Outer Dowsing	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Outer OTE	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Owers Extension	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Pole Sands (Dawlish Warren)	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4

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Marine Aggregate Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Shipwash	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Shipwash	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Shipwash	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Shipwash	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Shipwash	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Shipwash	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South East Isle of Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South East Isle of Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South East Isle of Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South East Isle of Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South Hastings	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South Hastings	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South Hastings	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South Hastings	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South of Needles Channel	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South West Isle of Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South West Isle of Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
South Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Southwold East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Southwold East	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
St Catherine's	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
St Catherine's	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Thames D	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
West Bassurelle	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
West Bassurelle	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
West Bassurelle	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
West Bassurelle	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
West Bassurelle Extension	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
West Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
West Wight	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4
Yarmouth	UK	Offshore Mineral Aggregates	Crown Estate	6	6	6	6	4	4	4	6	6	6	4	4

Table 2.4: Offshore cumulative effects screening results for Dredge Disposal projects

Key

1	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.	2	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.	3	Potential cumulative impact exists: Screened in to assessment.	4	No conceptual effect-receptor pathway: Screened out of assessment.
5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Dredge Disposal Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Aberdeen	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Alresford saltings	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Amble marina outfall	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Arbroath	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ardglass B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Arklow	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Aughinish	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Avonmouth (inner)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ayr bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Babbage	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Barrow D	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Basin 1 naval base portsmouth	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bbl pipeline temporary pre-sweep	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Belfast dredgings B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Belfast dredgings C	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Blae rock A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Blue lagoon 1	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Blue lagoon 2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Blyth A+B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bo'ness	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Boston 7	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bridlington A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Brighton/rottingdean	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bristol city docks entrance	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bristol holm deep	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Broughton	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Brownsea experimental	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Buckie	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bull sand fort	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bull sand fort extension	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Buncrana	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Bundle head	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Burford Bank	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Burgh castle yacht station	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Burghead	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Burry port	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Burtonport 1	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4

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5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Dredge Disposal Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Burtonport 2	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Campbeltown	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cardiff grounds	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Castletownbere	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cheekpoint	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Chichester harbour	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cleveland potash outfall	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cloch point	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Conoco pipeline trench	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Conwy beneficial use	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Copperas	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Copperas bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Copperas bay 2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Copperas east	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Copperas west	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Coquet island	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cork Harbour - City Quays WID	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cork Harbour - Ringaskiddy WID	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cork Site	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Cross sands 2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Deganwy beneficial use	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Dingle	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Douglas (i.o.m)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Dounreay microsite	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Dover	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Dover - emergency site	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Drogheda A Offshore	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Drogheda Inshore B	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Drogheda Inshore C	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Dundalk Bay 1	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Dundalk Bay 2	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Dundalk Bay 3	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Eastbourne	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Erwarton bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Erwarton east	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Erwarton track	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Eyemouth	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Falmouth bay (b)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Falmouth marina	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Fenit 1	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4

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Dredge Disposal Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Fenit 2	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Fort picklecombe Y	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Foula	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Foynes 1	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Foynes 2	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Foynes 3	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Fraserburgh	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Galway Bay	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Gateway gas storage project	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Girvan	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Glandore	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Goole reach	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Gormanstown	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Great Yarmouth	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Harrington harbour	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Haulbowline Plough	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hedon haven	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Helmsdale	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hinkley intake 1	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hinkley intake 2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hinkley intake 3	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hinkley intake 4	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hinkley outfalls	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Holbrook bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Holbrook bay 1	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Holme channel deep	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Holyhead deep	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hook Head	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hornsea disposal area 1	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hornsea project one subzone 1	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Humber 1a	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Humber 2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Humber 3a	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Humber 4	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Humber 4b/hook	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Humber 4b/hook extension	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Hurst fort	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Inisboffin	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Inner gabbard	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Inner gabbard east	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4

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Dredge Disposal Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Inverness	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ipswich fox	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Jacques bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Kilkeel	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Killybegs	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Kilmore Quay	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Kilmore/Carnsore	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Kilronan	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Kilrush	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Kinsale	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Kirkwall	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Lantic bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Lerwick	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Limerick 1	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Limerick 2	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Limerick 3	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Limerick Approaches - plough dredging	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Lowestoft circular north	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Lune river B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Lymington habitat restoration	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Macduff	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Magheraroarty Dooey Strand	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Maldon saltings	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Maldon saltings 2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Manx waters	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Maryport harbour dispersive	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Mckinneys bank	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Merkur buoy	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Mersey (garston site)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Mersey (mid-river site)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Mersey of bromborough2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Methil	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Middle bank (tay)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Milford haven three	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Milford haven two	UK	Dredge disposal	Emod.net	2	2	6	6	4	4	4	6	6	6	4	4
Moneypoint 1	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Moneypoint 2	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Monkstone cill	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Montrose	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Morecambe bay B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4

Key

1	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.	2	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.	3	Potential cumulative impact exists: Screened in to assessment.	4	No conceptual effect-receptor pathway: Screened out of assessment.
5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Dredge Disposal Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Morecambe bay: lune deep	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Mostyn deep (maintenance)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Nab tower	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Narrow deep B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Needles	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Nemo disposal site A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Nemo disposal site B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Nemo disposal site C	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
New quay track	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Newhaven	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Newhaven	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Newport	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Neyland (off Milford Haven)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
North buchan ness	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
North channel, scotland	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
North edinburgh channel	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
North TYN	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
North west shipwash	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Noses point	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Oldbury power station	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Oldbury power station B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Orwell east	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Orwell east track	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Orwell west	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Orwell west track	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Outer Dublin Bay	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Oxcars ext A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Oxcars ext B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Oxcars main	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Padstow bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Peel (i.o.m)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Pegwell bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Pegwell bay B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Peterhead	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Poole bay nearshore trial	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Port Ellen	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Portavogie	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Portishead	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Portnahaven	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Portsmouth ballast	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4

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Dredge Disposal Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Portstewart bay B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Pyewipe channel	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Rame head south	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ramsgate harbour site A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ramsgate harbour site B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ribble link	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
River orwell (abp)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
River stour (area 1 subtidal s	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Rosamhil	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Rosslare	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Rothesay bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Royal edward entrance	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Royal portbury entrance	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Royal portbury pier	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ryde harbour	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
S. of Greystones	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Savick brook	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Scapa	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Scarborough rock	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Sherringham shoal drillings	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Shoreham	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Shoreham (aggregate)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Silloth B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Site Y	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Site Z	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Solway firth	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Souter point (outer)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
South falls	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Sprey point	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
St. Aubins	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Staithes harbour	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Stone creek	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Sunderland	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Sunk dredge channel A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Sunk dredge channel window C	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Sutors	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Swanage bay	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Swanage bay nearshore	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Swansea bay (outer)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Tarbert 1	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4

Key

1	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.	2	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.	3	Potential cumulative impact exists: Screened in to assessment.	4	No conceptual effect-receptor pathway: Screened out of assessment.
5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Dredge Disposal Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Tarbert 2	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Tees bay A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Tees bay C	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Titchmarsh saltings	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Tory	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Treloar hole	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Triton knoll	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Tyne burial site	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Tyne tunnel	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Ullapool (loch broom)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Warrenpoint B	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wash bank	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Watchet harbour	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Well beneficial use site2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wells outer harbour B1	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wells outer harbour site A	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wells outer harbour site c	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
West stones	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
West wight	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Westermost rough OWF	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Weston foreshore	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Weston foreshore 2	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Whitby	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Whitgift bight (river ouse)	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Whitstable C	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wicklow Harbour	Ireland	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wish tower	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wivenhoe overflow	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Workington anchorage	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4
Wrabness beach	UK	Dredge disposal	Emod.net	6	6	6	6	4	4	4	6	6	6	4	4

Table 2.5: Offshore cumulative effects screening results for Carbon Capture and Natural Gas Storage projects

Key

1	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.	2	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.	3	Potential cumulative impact exists: Screened in to assessment.	4	No conceptual effect-receptor pathway: Screened out of assessment.
5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Carbon Capture/Natural Gas Stoarge Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Endurance	UK	Carbon Capture and Storage	Crown Estate	6	6	6	6	4	5	4	6	6	6	4	4
Larne Lough (Area 2)	UK	Natural Gas Storage Site	Crown Estate	6	6	6	6	4	5	4	6	6	6	4	4
Larne Lough (Area 2)	UK	Natural Gas Storage Site	Crown Estate	6	6	6	6	4	5	4	6	6	6	4	4

Table 2.6: Offshore cumulative effects screening results for Pipeline projects

Key

1	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.	2	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.	3	Potential cumulative impact exists: Screened in to assessment.	4	No conceptual effect-receptor pathway: Screened out of assessment.
5	Low data confidence: Screened out of assessment.	6	No physical effect-receptor overlap: Screened out of assessment.	7	No temporal overlap: Screened out of assessment.	8	Cancelled/ Decommissioned: Screened out of assessment

Pipeline Project	Country	Sector	Source	Marine Coastal Processes	Marine Sediemtn and Water Quality	Marine and Coastal Ecology	Fish and Shellfish Ecology	Marine Ornithology	Marine Mammals	Seascape and Visual Impact	Marine Archaeology and Cultural Heritage	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Coastal and Marine Infrastructure
Douglas to CACM	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Douglas to Conwy condensate injection	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Douglas to Lennox gas line (PL1036)	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Interconnector 1 Scotland to Ireland IC1	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Interconnector 2 Scotland to Ireland IC2	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Millom West to Millom Plem	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Morecambe DP3 to CPP1 electric	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
NMT trunkline	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
RHYL-DPPA import production flex pipe	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Scotland to N Ireland pipeline (SNIP)	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
SMT trunkline	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6
Wellhead R2 to Dalton Plem	UK	Pipeline	Emod.net	6	6	6	6	4	1	4	6	6	6	4	6

3. Onshore Cumulative Screening

Table 3.1 details the plans and projects identified as relevant to the onshore CEA and Landscape and Visual Impact Assessment (LVIA) based on the following ZOIs:

- Landfall site: 2 km buffer;
- Onshore export cable: 1 km buffer;
- Onshore substation: 5 km buffer.

A desk study was undertaken to identify projects within the ZOIs above. Only those that have received planning permission within the lat 5 years or are awaiting decision were included. To discount developments of minor scale where cumulative impacts are not likely to be significant, only 'major developments' were included (as defined in The Town and Country Planning (Development Management Procedure) (Wales) Order 2012)[4]:

> "*(a) the winning and working of minerals or the use of land for mineral-working deposits;*
>
> *(b) waste development;*
>
> *(c) the provision of dwelling houses where-*
>
> *(i) the number of dwelling houses to be provided is 10 or more; or*
>
> *(ii) the development is to be carried out on a site having an area of 0.5 hectares or more and is not known whether the development falls within sub-paragraph (c)(i);*
>
> *(d) the provision of a building or building where the floor space to be created by the development is 1,000 square metres or more; or*
>
> *(e) development carried out on a site having an area of 1 hectare of more*".

Developments of National Significance (DNS), as defined in the Planning (Wales) Act 2015[5], and Nationally Significant Infrastructure Projects (NSIPs), as defined in the Planning Act 2008[6], were also considered.

The following planning portals were interrogated to form the long list presented in Table 3.1:

- Pembrokeshire County Council Planning Portal;
- Pembrokeshire Coast National Park Authority Planning Portal;
- Planning Inspectorate DNS Planning Portal;
- Planning Inspectorate NSIP Planning Portal.

[4] https://www.legislation.gov.uk/wsi/2012/801/contents/made

[5] https://www.legislation.gov.uk/anaw/2015/4/contents/enacted

[6] https://www.legislation.gov.uk/ukpga/2008/29/contents

Table 3.1: Onshore cumulative effects screening results

Key: ■ = Projects included in onshore cumulative and/or landscape visual impact assessments

Planning Ref.	Project Type	Project Status	Screening Outcome
12/0820/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
13/0824/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
14/0122/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
14/0429/PA	Hotel development	Consented	No cumulative interaction and not included in cumulative.
14/0158/PA	Mixed use retail and commercial	Consented	Very limited and distant cumulative interaction and not included in cumulative LVIA.
14/0901/PA	School	Consented	No cumulative interaction and not included in cumulative.
14/1028/PA	Commercial Development	Consented	No cumulative interaction and not included in cumulative.
14/1098/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
15/0144/PA	Residential Development	Consented	Very limited and distant cumulative interaction and not included in cumulative.
15/0514/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
15/0570/PA	Retail	Consented	No cumulative interaction and not included in cumulative.
15/0715/PA	Commercial Development	Consented	No cumulative interaction and not included in cumulative.
15/0929/PA	Car Park	Consented	No cumulative interaction and not included in cumulative.
15/1266/PA	Recycling Centre	Consented	No cumulative interaction and not included in cumulative.
16/0428/PA	School	Consented	No cumulative interaction and not included in cumulative.

Planning Ref.	Project Type	Project Status	Screening Outcome
17/1285/PA	Residential Care Home	Consented	No cumulative interaction and not included in cumulative.
18/0211/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
18/0274/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
18/0332/SO	Commercial Development	Scoping	No cumulative interaction and not included in cumulative.
18/1067/SO	Energy	Scoping	The META project consists of three test offshore sites, the two in the Milford Haven Channel are not proposed to include onshore infrastructure and the one at East Pickard Bay is proposed to have onshore elements close to Freshwater West. However, the development details provided at scoping do not include sufficient information for a cumulative assessment to carried out. Considered in Onshore Geology, Hydrology and Hydrogeology.
19/0577/PA	Recycling Centre	Consented	No cumulative interaction and not included in cumulative.
19/0618/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
19/0928/PA	Residential Development	Consented	No cumulative interaction and not included in cumulative.
NP/20/0222/FUL **20/0041/PA** **20/0044/PA** **18/0899/SO**	Energy (Greenlink Interconnector)	Consented	Included in cumulative for LVIA, Onshore Geology Hydrology and Hydrogeology, Onshore Archaeology, Onshore Noise and Vibration due to close proximity of development to the onshore substation infrastructure. Whilst the potential for cumulative interaction of the onshore export cable exists geographically, the construction of the Proposed Development would not occur within the same timeframe as Greenlink and therefore cumulative effects of construction activities would not occur.
APP/N6845/A/ 16/3163511	Energy (Valero - Cogeneration Facility)	Consented	No potential for significant effects due to distance.

Planning Ref.	Project Type	Project Status	Screening Outcome
EN010054	Energy (South Hook Combined Heat and Power Station)	Consented	Not included in cumulative LVIA. No potential for significant cumulative effects due to limited and distant visibility of this development within the context of the landscape and visual receptors that are susceptible to the Proposed Development.
APP/N6845/A/ 16/3146073	Energy (Egnedol Sustainable Energy)	Refused	N/A
DNS/3245065	Energy (Blackberry Lane Solar Park)	Application	No potential for significant effects due to distance and lack of intervisibility.
DNS/3266103	Energy Project Valorous	Scoping	It is considered that for the onshore elements of project Valorous there is insufficient information for a cumulative assessment to be made. The Valorous scoping report includes a 2 km radius search area for the proposed substation rather than a location and the detail of the substation in terms of size and scale is also not known. Whilst the Erebus onshore substation location is within this 2 km radius search area, various locations (up to 12 at scoping) are being considered for the Valorous substation site. On this basis, it is not included in the cumulative for any of the onshore topics.
DNS/3261355	Rhoscrowther Wind Farm	Application	Included in cumulative LVIA and Onshore Archaeology due to proximity of development to the onshore substation infrastructure and potential for cumulative effects.

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