

DOGGER BANK D WIND FARM

Preliminary Environmental Information Report

Volume 2

Appendix 1.2 Guide to the Preliminary
Environmental Information Report

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Guide to the Preliminary Environmental Information Report (PEIR)

This document is a quick reference guide to the Dogger Bank D Offshore Wind Farm PEIR.

What is the purpose of the PEIR?

The PEIR sets out a preliminary environmental assessment of the likely significant environmental impacts of the Project, as required by The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the EIA Regulations).

It describes potential environmental effects that may arise during the construction, operation and maintenance, and decommissioning of both the offshore and onshore infrastructure of the Project.

Overview of PEIR Documents:

The PEIR is comprised of two document volumes, along with a **Non-Technical Summary** (NTS). The NTS provides a concise and easy to understand summary of the PEIR in accessible and non-technical language. The NTS also includes references to relevant PEIR documents for more technical details, making it useful for both specialist and non-specialist readers.

Volume 1 includes introductory chapters and offshore and onshore environmental assessment topics. **Volume 2** contains technical appendices which provide supporting information for relevant chapters.

Preliminary environmental information related to the Habitats Regulations and Marine and Coastal Access Act 2009 are also included in the following documents:

- Report to Inform Appropriate Assessment
- Stage 1 Marine Conservation Zone Assessment

The PEIR supports the statutory consultation requirements under the Planning Act 2008, helping readers provide informed feedback.

Statutory consultation starts on **10 June 2025** and will close at **11.59pm** on **5 August 2025**.

We welcome your input on our proposals, our PEIR and our plans for potential mitigation, enhancements, and commitments made so far.

Visit www.doggerbankd.com for details on how to participate, access documents, and how you can meet the team at events or webinars. If you can't access materials digitally, hard copies of key consultation documents are available to read and collect at deposit locations or by request by calling **0800 254 5029** or emailing contact@doggerbankd.com.

Structure and Content of the PEIR

Introductory Chapters

The introductory chapters set the scene for the PEIR. **Volume 1, Chapter 4 Project Description** provides a detailed overview of the Project's infrastructure and likely activities during construction, operation and maintenance, and decommissioning. **Volume 1, Chapter 5 Site Selection and Consideration of Alternatives** outlines the process undertaken to identify the Project boundary and evaluates the reasonable alternatives considered during the early planning stages. **Volume 1, Chapter 6 Environmental Impact Assessment Methodology** explains the EIA methodology and how the assessments are structured in the technical chapters

Read the Commitments Register together with the Impacts Register for a full summary of the Project's environmental effects. Put simply, the Impacts Register identifies potential impacts, while the Commitments Register explains the measures in place to manage them. Together, they show not just what the impacts are, but how they are being addressed.

PEIR Technical Chapters

Volume 1, Chapter 8 Marine Physical Processes to **Volume 1, Chapter 31 Climate Change** provide an assessment of the likely significant environmental effects for each relevant EIA topic.

Other Key Documents

Dogger Bank D has developed a number of tools to support the PEIR.

- Impacts Register - Volume 2, Appendix 6.2
- Commitments Register - Volume 2, Appendix 6.3
- Outline Management Plans - See page 7

What is the Impacts Register?

The Impacts Register details all potential impacts associated with the Project which have been scoped into the assessment. The Impacts Register also includes details of impacts that are scoped out from consideration within the environmental assessments with supporting justification.

For each impact assessed within the PEIR, the Impacts Register summarises the assessment outcomes. Each impact is assigned a unique ID which can be traced across all PEIR documents to support the reader.

What is the Commitments Register?

The Commitments Register details all measures the Project has committed to in order to avoid, minimise or offset impacts. The Commitments Register also details how each commitment will be legally secured and implemented after consent, such as through the Development Consent Order (DCO), Deemed Marine Licence, or other mechanisms.

Commitments include those which are embedded into the Project's design and further mitigation and monitoring commitments to mitigate predicted impacts. Where enhancement measures are proposed these are also captured within the Commitments Register.

Commitments have been identified through design, stakeholder engagement and the EIA process. Each commitment is assigned a unique ID which can be traced across all PEIR documents to support the reader.

What are Outline Management Plans?

Outline Management Plans have been prepared for consultation alongside the PEIR. These outline plans set out how relevant commitments could be managed during the implementation of the Project, allowing stakeholders to review and provide feedback on our proposals. Each PEIR technical chapter highlights key measures proposed for inclusion in these plans, where relevant.

The plans will be further developed after the PEIR, incorporating stakeholder feedback as well as any additional design and environmental information that becomes available. The revised outline plans will be submitted as part of the DCO application.

PEIR documents

PRELIMINARY ENVIRONMENTAL INFORMATION REPORT		
INTRODUCTORY CHAPTERS		
Volume 1: PEIR Chapter	Volume 2: Appendices	
Chapter 1 Introduction	Appendix 1.2	Guide to the Preliminary Environmental Information Report
	Appendix 1.3	Document Register
Chapter 2 Need for the Project	N/A	
Chapter 3 Policy and Legislative Context	Appendix 3.1	Consultation Responses for Policy and Legislative Context
Chapter 4 Project Description	Appendix 4.1	Consultation Responses for Project Description
	Appendix 4.2	Crossing Schedule - Offshore
	Appendix 4.3	Crossing Schedule - Onshore
Chapter 5 Site Selection and Consideration of Alternatives	N/A	
Chapter 6 Environmental Impact Assessment Methodology	Appendix 6.1	Consultation Responses for EIA Methodology
	Appendix 6.2	Impacts Register
	Appendix 6.3	Commitments Register
	Appendix 6.4	Cumulative Effects Screening Report - Offshore
	Appendix 6.5	Cumulative Effects Screening Report - Onshore
Chapter 7 Consultation	N/A	
OFFSHORE CHAPTERS		
Volume 1: PEIR Chapter	Volume 2: Appendices	
Chapter 8 Marine Physical Processes	Appendix 8.1	Consultation Responses for Marine Physical Processes
	Appendix 8.2	Marine Geophysical Survey Report
	Appendix 8.3	Marine Physical Processes Modelling Report
Chapter 9 Marine Water and Sediment Quality	Appendix 9.1	Consultation Responses for Marine Water and Sediment Quality
	Appendix 9.2	Sediment Quality Analysis Report
Chapter 10 Benthic and Intertidal Ecology	Appendix 10.1	Consultation Responses for Benthic and Intertidal Ecology
	Appendix 10.2	Intertidal Ecology Survey Report
	Appendix 10.3	Benthic Ecology Baseline Characterisation Report
	Appendix 10.4	Array Area Habitat Mapping

PRELIMINARY ENVIRONMENTAL INFORMATION REPORT		
Chapter 11 Fish and Shellfish Ecology	Appendix 11.1	Consultation Responses for Fish and Shellfish Ecology
	Appendix 11.2	Fish and Shellfish Ecology Technical Report
Chapter 12 Marine Mammals	Appendix 12.1	Consultation Responses for Marine Mammals
	Appendix 12.2	Marine Mammals Technical Report
	Appendix 12.3	Underwater Noise Modelling Report
	Appendix 12.4	Unexploded Ordnance Assessment
	Appendix 12.5	Marine Mammals Cumulative Assessment Screening
	Appendix 12.6	Information and Modelling Methods for Disturbance to Marine Mammals
Chapter 13 Offshore and Intertidal Ornithology	Appendix 13.1	Consultation Responses for Offshore and Intertidal Ornithology
	Appendix 13.2	Offshore Ornithology Baseline Technical Report
	Appendix 13.3	Offshore Ornithology Collision Risk Modelling Report
	Appendix 13.4	Offshore Displacement Technical Report
	Appendix 13.5	Intertidal Ornithology Baseline Characterisation Report
Chapter 14 Commercial Fisheries	Appendix 14.1	Consultation Responses for Commercial Fisheries
	Appendix 14.2	Commercial Fisheries Extended Baseline Report
Chapter 15 Shipping and Navigation	Appendix 15.1	Consultation Responses for Shipping and Navigation
	Appendix 15.2	Navigational Risk Assessment
Chapter 16 Aviation, Radar and Military	Appendix 16.1	Consultation Responses for Aviation, Radar and Military
	Appendix 16.2	Airspace Analysis and Radar Modelling
Chapter 17 Offshore Archaeology and Cultural Heritage	Appendix 17.1	Consultation Responses for Offshore Archaeology and Cultural Heritage
	Appendix 17.2	Offshore Archaeological Geophysical Survey Report
	Appendix 17.3	Offshore and Intertidal Archaeology and Cultural Heritage Gazetteer
Chapter 18 Other Marine Users	Appendix 18.1	Consultation Responses for Other Marine Users
ONSHORE CHAPTERS		
Volume 1: PEIR Chapter	Volume 2: Appendices	
Chapter 19 Geology and Ground Conditions	Appendix 19.1	Consultation Responses for Geology and Ground Conditions and Waste
	Appendix 19.2	Preliminary Risk Assessment
	Appendix 19.3	Onshore Waste and Resources Technical Report

PRELIMINARY ENVIRONMENTAL INFORMATION REPORT		
Chapter 20 Air Quality and Dust	Appendix 20.1	Consultation Responses for Air Quality and Dust
	Appendix 20.2	Construction Dust and Particulate Matter Assessment Methodology
	Appendix 20.3	Construction Road Vehicle Exhaust Emissions Assessment – Traffic Data
	Appendix 20.4	Construction Road Vehicle Exhaust Emissions Assessment – Receptor Locations
	Appendix 20.5	Construction Road Vehicle Exhaust Emissions Assessment - Ecological Transect Results
Chapter 21 Water Resources and Flood Risk	Appendix 21.1	Consultation Responses for Water Resources and Flood Risk
	Appendix 21.2	Fluvial Geomorphology Baseline Survey
	Appendix 21.3	Flood Risk Assessment
	Appendix 21.4	Water Environment Regulations Compliance Assessment
Chapter 22 Soils and Land Use	Appendix 22.1	Consultation Responses for Soils and Land Use
Chapter 23 Onshore Ecology and Ornithology	Appendix 23.1	Consultation Responses for Onshore Ecology and Ornithology
	Appendix 23.2	Preliminary Ecological Appraisal Report
	Appendix 23.3	Great Crested Newt Technical Advice Note
	Appendix 23.4	Arboricultural Survey Report
	Appendix 23.5	Statutory Biodiversity Metric Calculator
Chapter 24 Onshore Archaeology and Cultural Heritage	Appendix 24.1	Consultation Responses for Onshore Archaeology and Cultural Heritage
	Appendix 24.2	Onshore Archaeological Desk-Based Assessment
	Appendix 24.3	Assessment of Airborne and Satellite Remote Sensing Data Report
	Appendix 24.4	Onshore Heritage Walkover Survey Report
	Appendix 24.5	Onshore Heritage Setting Assessment
	Appendix 24.6	Onshore Geoarchaeological Desk-Based Assessment
	Appendix 24.7	Appendix 24.7 Onshore Archaeological Geophysical Survey Report
Chapter 25 Noise and Vibration	Appendix 25.1	Consultation Responses for Noise and Vibration
	Appendix 25.2	Noise and Vibration Baseline Report
	Appendix 25.3	Construction Noise and Vibration Assessment
	Appendix 25.4	Construction Traffic Noise Assessment
Chapter 26 Traffic and Transport	Appendix 26.1	Consultation Responses for Traffic and Transport
	Appendix 26.2	Transport Assessment
	Appendix 26.3	Abnormal Indivisible Load Access Report
	Appendix 26.4	Interactions Assessment

PRELIMINARY ENVIRONMENTAL INFORMATION REPORT		
Chapter 27 Landscape and Visual Impacts	Appendix 27.1	Consultation Responses for Landscape and Visual Impacts
	Appendix 27.2	Landscape and Visual Impact Assessment Visualisations
PROJECT WIDE CHAPTERS		
Volume 1: PEIR Chapter	Volume 2: Appendices	
Chapter 28 Major Accidents and Disasters	Appendix 28.1	Consultation Responses for Major Accidents and Disasters
Chapter 29 Human Health	Appendix 29.1	Consultation Responses for Human Health
Chapter 30 Socio-Economics, Tourism and Recreation	Appendix 30.1	Consultation Responses for Socio-Economics, Tourism and Recreation
Chapter 31 Climate Change	Appendix 31.1	Consultation Responses for Climate Change
	Appendix 31.2	Greenhouse Gas Assessment Methodology
	Appendix 31.3	Climate Vulnerability Assessment
	Appendix 31.4	Coastal Erosion Report

Associated documents to be read in conjunction with the PEIR

ASSOCIATED DOCUMENTS		
Document	Appendices	
PEIR Non-Technical Summary	N/A	
Draft Development Consent Order	N/A	
Design Vision	N/A	
Stage 1 Marine Conservation Zone Assessment	N/A	
Report to Inform Appropriate Assessment	N/A	
Benthic HRA Derogation Compensation - Roadmap and Evidence	N/A	
Kittiwake Compensation - Roadmap and Evidence	N/A	
Guillemot and Razorbill Compensation - Roadmap and Evidence	N/A	
Benthic Measures of Equivalent Environmental Benefit - Roadmap and Evidence	N/A	
Outline Marine Mammal Mitigation Plan	N/A	
Outline Project Environmental Management Plan	N/A	
Outline Code of Construction Practice	Appendix A	Outline Public Rights of Way Management Plan
	Appendix B	Outline Site Waste Management Plan
Outline Construction Traffic Management Plan	N/A	

Contact us



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