

Working together for a
cleaner energy future



Environmental Impact Assessment Report
Volume 3, Appendix 1.1: Competent Experts

MarramWind Offshore Wind Farm

December 2025

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1. Competent Experts

1.1.1.1 Competent persons involved in the preparation of this Environmental Impact Assessment (EIA) Report are listed in **Table 1.1**. The second column of this table includes two categories of staff, with different levels of responsibility:

- technical reviewer; and
- main author.

Table 1.1 Competent experts involved in the EIA Report

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Chapter 1: Introduction	Main author	WSP	<p>Over six years of experience in EIA, including renewable projects.</p> <ul style="list-style-type: none">• MMar Biol Integrated Masters in Marine Biology• Practitioner membership from the Institute of Sustainability and Environmental Professionals, formerly known as the Institute of Environmental Assessment and Management (PISEP)
	Technical reviewer	WSP	<p>16 years of EIA experience as offshore wind EIA project manager. Subject Matter Expert (SME), author and reviewer.</p> <ul style="list-style-type: none">• MSc Aquatic Resource Management• BSc Environmental BioGeoScience
	Technical reviewer	WSP	<p>23 years of experience as an EIA project manager.</p> <ul style="list-style-type: none">• MSc Pollution and Environmental Control• Postgraduate Diploma (PGDip)

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			Environmental Science • BA (Hons) Geography
Chapter 2: Legislative and Policy Context Appendix 2.1: Planning Policy Framework	Main author	WSP	Nine years of EIA, Development Consent Order and Section 36 Consents experience, author and reviewer. • MSc City Planning and Regeneration • BSc Geography • Chartered member of the Royal Town Planning Institute
	Technical reviewer	WSP	16 years of EIA experience as offshore EIA project manager, SME, author and reviewer. • MSc Aquatic Resource Management • BSc Environmental BioGeoScience
	Technical reviewer	WSP	23 years of experience as an EIA project manager. • MSc Pollution and Environmental Control • PGDip Environmental Science • BA (Hons) Geography
Chapter 3: Site Selection and Consideration of Alternatives	Main author	WSP	18 years of experience in the offshore energy industries. • Engineering Doctorate Systems • MSc Offshore and Ocean Technology • Graduate Diploma in Law • BEng Mechanical Engineering
	Technical reviewer	WSP	16 years of EIA experience as project

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<p>manager, SME, author and reviewer.</p> <ul style="list-style-type: none"> • MSc Aquatic Resource Management • BSc Environmental BioGeoScience
	Technical reviewer	WSP	<p>23 years of experience as an EIA project manager.</p> <ul style="list-style-type: none"> • MSc Pollution and Environmental Control • PGDip Environmental Science • BA (Hons) Geography
Chapter 4: Project Description Appendix 4.1: Crossings Register	Main author	WSP	<p>Over five years of experience in EIA, including renewable projects.</p> <ul style="list-style-type: none"> • MMar Biol Integrated Masters Marine Biology • PISEP
	Technical reviewer	WSP	<p>16 years of EIA experience as project manager, SME, author and reviewer.</p> <ul style="list-style-type: none"> • MSc Aquatic Resource Management • BSc Environmental BioGeoScience
	Technical reviewer	WSP	<p>23 years of experience as an EIA project manager.</p> <ul style="list-style-type: none"> • MSc Pollution and Environmental Control • PGDip Environmental Science • BA (Hons) Geography
	Main author	WSP	Over five years of experience in EIA,

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Chapter 5: Approach to the EIA			including renewable projects. <ul style="list-style-type: none"> • MMar Biol Integrated Masters Marine Biology • PISEP
Appendix 5.1: Stakeholder Issues Responses			
Appendix 5.2: Commitments Register	Technical reviewer	WSP	16 years of EIA experience as project manager, SME, author and reviewer. <ul style="list-style-type: none"> • MSc Aquatic Resource Management • BSc Environmental BioGeoScience
Appendix 5.3: Marine Strategy Framework Directive Assessment	Technical reviewer	WSP	23 years of experience as an EIA project manager. <ul style="list-style-type: none"> • MSc Pollution and Environmental Control • PGDip Environmental Science • BA (Hons) Geography
Chapter 6: Marine Geology, Oceanography and Physical Processes	Main author	ABPmer	17 years of EIA experience as SME, project manager, author and reviewer. <ul style="list-style-type: none"> • PhD sea level change • BSc Geography
	Technical reviewer	ABPmer	21 years of experience as SME, author and reviewer. <ul style="list-style-type: none"> • PhD Sediment Dynamics • BSc Oceanography with Physical Geography
	Technical reviewer	WSP	15 years of experience in design, site investigation, monitoring, engineering, project management related to:

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none"> • Coastal and Nearshore Processes • Coastal and Offshore Engineering • Physical and Numerical Modelling
Appendix 6.1: Physical Processes Modelling Appendix 6.3: Marine Geology, Oceanography and Physical Processes Baseline Report	Main author	ABPmer	<p>Seven years of technical experience in numerical modelling.</p> <ul style="list-style-type: none"> • PhD numerical modelling for tidal stream energy • MSc Oceanography
	Technical reviewer	ABPmer	<p>21 years of experience, SME, author and reviewer.</p> <ul style="list-style-type: none"> • PhD Sediment Dynamics • BSc Oceanography with Physical Geography
	Technical reviewer	WSP	<p>15 years of experience in design, site investigation, monitoring, engineering, project management related to:</p> <ul style="list-style-type: none"> • Coastal and Nearshore Processes • Coastal and Offshore Engineering • Physical and Numerical Modelling
Appendix 6.2: Water Framework Directive Assessment	Main Author	WSP	<p>Over 16 years of experience in geomorphological processes and assessments.</p> <ul style="list-style-type: none"> • BSc Physical Geography • MSc River Basin Dynamics and Management • PhD Coastal Geomorphology

Aspect	Responsibility	Name of company	Qualifications / competencies of author
	Technical Reviewer	WSP	Over 50 years of experience managing laboratory and survey vessels and EIA for marine developments. <ul style="list-style-type: none">• BSc Chemistry• MSc Ecology
Chapter 7: Marine Water and Sediment Quality	Main author	WSP	Over six years of experience in marine assessments. <ul style="list-style-type: none">• BSc Biology• PGDip Engineering and Environmental Management
	Technical reviewer	WSP	Over 50 years of experience managing laboratory and survey vessels and EIA for marine developments. <ul style="list-style-type: none">• BSc Chemistry• MSc Ecology
Appendix 7.1: Geophysical and Environmental Offshore Windfarm Survey Volume 4 of 11 Contaminants Report	Main author	Fugro	A marine environmental scientist with experience in delivering environmental habitat reports, environmental baseline and monitoring reports, field reports and MMO reports. <ul style="list-style-type: none">• MSc Marine Vertebrate Zoology• MSc Conservation Genetics
	Technical reviewer	Fugro	Over five years of experience as a marine ecologist working in marine consultancy. <ul style="list-style-type: none">• MSc Marine Biology
Appendix 7.2: Geophysical and Environmental Export Cable Corridor Survey Volume 4 of 8 Contaminants Report	Main author	Fugro	Over 15 years of experience as a marine ecologist. <ul style="list-style-type: none">• MPhil Marine Ecology
	Technical reviewer	Fugro	Over 10 years of experience in executing intertidal, nearshore and offshore environmental monitoring; pollution

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			assessment survey; and environmental sample analysis. <ul style="list-style-type: none">• BSc Zoology• MSc Marine Biology• PhD Marine Ecotoxicology
Appendix 7.3: Environmental Intertidal Survey- Contaminants Report	Main author	APEM	Over 10 years of experience as an environmental consultant with expertise in marine ecology. <ul style="list-style-type: none">• BSc Zoology / Animal Biology• MSc Ecology and Natural Resource Management
	Technical reviewer	APEM	Over 30 years of experience as a professional marine biologist. Macrofaunal quality assurance specialist. <ul style="list-style-type: none">• BSc (Hons) Environmental Biology and Geography
Chapter 8: Underwater Noise	Main author	WSP	Over five years of experience in EIA, including renewable projects. <ul style="list-style-type: none">• MMar Biol Integrated Masters Marine Biology• PISEP
	Technical reviewer	WSP	Over 13 years of experience in EIA. <ul style="list-style-type: none">• BSc (Hons) Zoology
Appendix 8.1: Underwater Noise and Vibration Modelling	Main author	Subacoustech	Over 16 years of post-graduate consultancy experience since 2009. <ul style="list-style-type: none">• BSc (Hons) Music and Sound Technology• Associate Member of the Institute of Acoustics (IOA)

Aspect	Responsibility	Name of company	Qualifications / competencies of author
	Technical reviewer	Subacoustech	Over 16 years of post-graduate consultancy experience since 2001. <ul style="list-style-type: none">• BEng (Hons) Engineering Acoustics and Vibration• Member of IOA
	Technical reviewer	WSP	Over 13 years of experience in EIA. <ul style="list-style-type: none">• BSc (Hons) in Zoology
Chapter 9: Electromagnetic Fields	Main author	WSP	Over five years of experience in EIA, including renewable projects. <ul style="list-style-type: none">• MMar Biol Integrated Masters Marine Biology• PISEP
	Technical reviewer	WSP	12 years of experience in electromagnetic disturbance assessments for industrial application. <ul style="list-style-type: none">• PhD Electrical and Electronic Engineering (Electromagnetic Applications)• MSc. Wireless Networks• B. Eng. Electrical and Electronic Engineering• Fellow Institute of Engineering Technology• Chartered Engineer (CEng)
Chapter 10: Benthic, Epibenthic and Intertidal Ecology Appendix 10.5: MarESA / FeAST Sensitivity Scores	Main author	WSP	Over four years of professional experience including various marine assessments and survey techniques. <ul style="list-style-type: none">• BSc Marine Biology• MSc Environmental Biology, Conservation and

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			Resource Management
	Technical reviewer	WSP	27 years of EIA experience. <ul style="list-style-type: none">• BSc Marine Biology• MSc Marine and Coastal Resource Management
Appendix 10.1: Benthic Characterisation Report	Main author	ABPmer	10 years of experience in benthic ecological survey and assessment. <ul style="list-style-type: none">• BSc Marine Biology and Coastal Ecology
	Technical reviewer	ABPmer	25 years of experience in marine planning and consenting, project management and stakeholder engagement. <ul style="list-style-type: none">• PhD marine ecology• MSc Marine Environmental Protection• BSc Biology with Oceanography• Full Member of the Institute of Sustainability and Environmental Professionals• Chartered Environmentalist (CEnv)
	Technical reviewer	WSP	27 years of experience EIA experience. <ul style="list-style-type: none">• BSc Marine Biology• MSc Marine and Coastal Resource Management
Appendix 10.2: Environmental Intertidal Survey - Benthic Report 2023	Main author	APEM	Over 15 years of experience working as a professional marine biologist in marine environmental consultancy. <ul style="list-style-type: none">• BSc Marine Biology• PhD Taxonomic, systematic,

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			morphological and biological studies
	Technical reviewer	APEM	Over 30 years of experience as a professional marine biologist. Macrofaunal quality assurance specialist. <ul style="list-style-type: none">• BSc (Hons) Environmental Biology and Geography
Appendix 10.3: Confidential Geophysical and Environmental Export Cable Corridor Survey - Benthic Survey Interpretative Report 2024	Main author	Fugro	Over 15 years of experience as a marine ecologist. <ul style="list-style-type: none">• MPhil Marine Ecology
	Technical reviewer	Fugro	Over 10 years of experience in executing intertidal, nearshore and offshore environmental monitoring; pollution assessment survey; and environmental sample analysis. <ul style="list-style-type: none">• BSc Zoology• MSc Marine Biology• PhD Marine Ecotoxicology
Appendix 10.4: Geophysical and Environmental Offshore Windfarm Survey Volume 2 of 11 Benthic Survey Interpretative Report	Main author	Fugro	A marine environmental scientist with experience in delivering environmental habitat reports, environmental baseline and monitoring reports, field reports and MMO reports. <ul style="list-style-type: none">• MSc Marine Vertebrate Zoology• MSc Conservation Genetics
	Technical reviewer	Fugro	Over five years of experience as a marine ecologist working in marine consultancy. <ul style="list-style-type: none">• MSc Marine Biology
	Main author	APEM Limited	10 years of experience in the field of marine

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Chapter 11: Marine Mammals Appendix 11.1: Marine Mammal Baseline Technical Report Appendix 11.2: Population Distribution Modelling			<p>mammal conservation, monitoring and data analysis. Five years' industry experience of monitoring and mitigating effects of anthropogenic noise on marine mammals, technical report writing and EIA.</p> <ul style="list-style-type: none"> • MSc Marine Mammal Science • BSc (Hons) Marine Biology
	Technical reviewer	APEM Limited	<p>15 years of experience in marine mammal science across government, environmental consultancy, industry (with a focus on renewable energy and oil and gas) and academia. Expertise includes marine mammal ecology and behaviour, impact assessments, understanding of underwater noise impacts, proficiency in marine mammal legislation and mitigation procedures, and stakeholder engagement.</p> <ul style="list-style-type: none"> • MSc Marine Mammal Science • Licenciatura (degree) in Environmental Biology (Marine Variant)
	Technical reviewer	WSP	<p>Over 13 years of experience in the field.</p> <ul style="list-style-type: none"> • BSc (Hons) Zoology
Chapter 12: Offshore and Intertidal Ornithology	Main author	APEM Limited	<p>Four years of experience as an ornithological lead for offshore wind EIA and</p>

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Appendix 12.1: Offshore and Intertidal Ornithology Baseline Report Appendix 12.2: Offshore Ornithology Displacement Modelling Appendix 12.3: Offshore Ornithology Collision Risk Modelling Appendix 12.4: Offshore EIA Population Viability Analysis Report Appendix 12.5: Offshore Ornithology MRSea Technical Report Appendix 12.6: Migratory Collision Risk Modelling			Habitats Regulations Appraisal (HRA). <ul style="list-style-type: none"> • MSc Integrated Zoology
	Technical reviewer	APEM Limited	8.5 years of experience as an ornithological lead for offshore wind EIA and HRA. <ul style="list-style-type: none"> • MRes Ecology • BSc Zoology
	Technical reviewer	WSP	25 years of experience in EIA and ornithology including 15 years on offshore wind. <ul style="list-style-type: none"> • MRes in Ecology • BSc (Hons) Zoology
	Main author	WSP	Five years of EIA experience <ul style="list-style-type: none"> • BSc in Marine Biology
	Technical reviewer	WSP	33 years of marine EIA experience as SME, author and reviewer. <ul style="list-style-type: none"> • Ph.D. Biological Sciences (Marine Ecology) • MSc. Aquatic Resource Management • BSc. (Hons) Marine and Freshwater Biology
	Main author	NiMa Consultants	14 years of experience in commercial fisheries EIA, environmental and seafood sustainability, fisheries policy, marine survey and consenting. <ul style="list-style-type: none"> • BSc. (Hons) Marine Biology

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none"> • B.Eng. Chemical Engineering
	Technical reviewer	NiMa Consultants	<p>15 years of experience in marine environmental consultancy and commercial fisheries EIA.</p> <ul style="list-style-type: none"> • MSc Tropical Coastal Management • BA (Hons) Geography
	Technical reviewer	WSP	<p>33 years of marine EIA experience as SME, author and reviewer.</p> <ul style="list-style-type: none"> • Ph.D. Biological Sciences (Marine Ecology) • MSc. Aquatic Resource Management • BSc. (Hons) Marine and Freshwater Biology
Chapter 15: Shipping and Navigation Appendix 15.1: Navigation Risk Assessment	Main author	Anatec Limited	<p>Nine years of experience in maritime navigational risk, primarily for the renewable energy industry, and specifically offshore wind.</p> <ul style="list-style-type: none"> • BSc (Hons) Mathematics
	Main author	Anatec Limited	<p>Three years of experience in maritime navigational risk, primarily for offshore wind.</p> <ul style="list-style-type: none"> • MSc Applied Marine and Fisheries Ecology • BSc (Hons) in Marine Biology
	Technical reviewer	Anatec Limited	<p>25 years of experience within the maritime industry dealing with port and vessel operations as well as offshore installations.</p>

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none"> • BSc (Hons) in Shipping and Port Operations
	Technical reviewer	WSP	<p>Over 30 years of industry experience in marine industry working on renewable energy projects for 22 years, and offshore renewables for 15 years.</p> <ul style="list-style-type: none"> • BSc & MSc Energy & Environmental Systems • PISEP • MAECoW
Chapter 16: Marine Archaeology and Cultural Heritage Appendix 16.1: Offshore Historic Environment Desk-Based Assessment Appendix 16.4: Stage 1 Marine Geoarchaeological Assessment Appendix 16.5 Protocol for Archaeological Discoveries	Main author	WSP	<p>Over 12 years of industry experience in marine geophysical data analysis on renewables projects. Experienced in underwater cultural heritage management and mitigation strategies, technical report author and EIA experience.</p> <ul style="list-style-type: none"> • MA Practical Archaeology • BA (Hons) Archaeology
	Technical reviewer	WSP	<p>Over 20 years of experience of working in heritage, including offshore renewable energy developments.</p> <ul style="list-style-type: none"> • MPhil Maritime Archaeology • Member of Chartered Institute for Archaeologists (ClfA) • Member of Institute of Leadership (IoL)
Appendix 16.2: Offshore Wind Farm Geophysical Archaeology Analysis	Main author	COARS	<p>Over 25 years of experience of working in marine heritage, including offshore renewable energy developments.</p>

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Appendix 16.3: Export Cable Corridor Geophysical Archaeology Analysis			<ul style="list-style-type: none"> • PhD Physical Geography • MSc Geoarchaeology • BSc Oceanography with Physical Geography
	Technical reviewer	WSP	<p>Over 20 years of experience of working in heritage, including offshore renewable energy developments.</p> <ul style="list-style-type: none"> • MPhil Maritime Archaeology • Member of ClfA • Member of Iol
Chapter 17: Seascape, Landscape and Visual	Main author	WSP	<p>12 years of landscape design and EIA experience.</p> <ul style="list-style-type: none"> • MSc / BSc Environmental Sciences • Diploma in Sustainable Design / Build
	Technical reviewer	WSP	<p>28 years of EIA experience in Seascape, Landscape and Visual Impact Assessment.</p> <ul style="list-style-type: none"> • Fellow Member of Landscape Institute • Registered Practitioner Urban Design Group
Chapter 18: Infrastructure and Other Marine Users	Main author	WSP	<p>Over five years of experience in EIA, including renewable projects.</p> <ul style="list-style-type: none"> • MMar Biol Integrated Masters Marine Biology • PISEP
	Technical reviewer	WSP	<p>16 years of EIA experience as offshore wind EIA project manager.</p> <ul style="list-style-type: none"> • MSc Aquatic Resource Management

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none"> • BSc Environmental BioGeoScience
Chapter 19: Ground Conditions and Contamination Appendix 19.1: Phase 1 Contaminated Land Report	Main author	WSP	<p>Over 20 years of experience in land quality assessment and over 10 years' EIA experience.</p> <ul style="list-style-type: none"> • Master of Environmental Studies • CEnv • PISEP
	Technical reviewer	WSP	<p>Over 19 years of experience in EIA. Specialist in assessment and management of land contamination.</p> <ul style="list-style-type: none"> • Master of Earth Sciences • Member of the Chartered Institution of Water and Environmental Management (CIWEM) • Chartered Water and Environmental Manager • CEnv
Chapter 20: Water Resources and Flood Risk Appendix 20.1: Detailed Hydrological and Hydrogeological Baseline Report	Main Author	WSP	<p>Over 15 years of experience in hydrology and EIA, including renewable projects.</p> <ul style="list-style-type: none"> • MSc Hydrology and Climate Change • Member of CIWEM
	Technical reviewer	WSP	<p>Over 41 years of experience as a professional hydrogeologist and 34 years as an environmental consultant, acting as a project manager and director on a wider variety of projects, including EIA for renewables and nuclear new build.</p> <ul style="list-style-type: none"> • BSc Geography

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none"> • MSc Hydrogeology • PhD Civil Engineering
Chapter 21: Air Quality Appendix 21.1: Air Quality technical data (IAQM assessment tables / traffic modelling inputs and outputs)	Main author	WSP	<p>Three years' experience in air quality.</p> <ul style="list-style-type: none"> • BSc, Geography • Associate Member of the Institution of Environmental Sciences (IEnvSc) • Associate Member of the Institute of Air Quality Management (IAQM)
	Technical reviewer	WSP	<p>Over 15 years of experience in air quality.</p> <ul style="list-style-type: none"> • PhD Environmental Justice, Air quality management • MSc, Environmental diagnosis • BSc, Biological Sciences • CEnv • Member of IEnvSc
Chapter 22: Land Use	Main author	WSP	<p>Over 20 years of experience in land quality assessment and over 10 years' EIA experience.</p> <ul style="list-style-type: none"> • Master of Environmental Science CEnv • PISEP
	Technical reviewer	WSP	<p>Over 19 years of experience. Specialist in assessment and management of land contamination.</p> <ul style="list-style-type: none"> • Master of Earth Sciences • Member of CIWEM • Chartered Water and Environmental Manager • CEnv
	Main author (1)	WSP	Over 10 years in arboriculture and

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Chapter 23: Terrestrial Ecology and Ornithology Appendix 23.1: Ecological Desk Study Appendix 23.2: Habitats and Vegetation Report Appendix 23.3: Protected Species Report Appendix 23.4: Breeding Birds Report 2023 Appendix 23.5: Breeding Birds Report 2024 Appendix 23.6: Winter Birds Report 2022/2023 Appendix 23.7: Winter Birds Report 2022/2024 Appendix 23.8: Screening rationale for assessment of important ecological and ornithological features Appendix 23.9: Habitat Loss Calculations Appendix 23.10: Arboricultural Impact Assessment			environmental consulting industry. <ul style="list-style-type: none"> • BSc (Hons) Environmental Management • Level 6 Diploma in Arboriculture • Member of the Institute of Chartered Foresters
	Main author (2)	WSP	Over 20 years of experience in ecological consultancy and over 17 years' EIA experience. <ul style="list-style-type: none"> • BSc Zoology • MEnv Environmental Studies • Full Member of the Chartered Institute of Ecology and Environmental Management (MCIEEM)
	Technical reviewer	WSP	Over 20 years of experience in ecological consultancy. <ul style="list-style-type: none"> • BSc (Hons) Natural Resources • PhD Plant Community Dynamics • CEnv • MCIEEM

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Appendix 24.3: Onshore Archaeology and Cultural Heritage Scoping Exercise for Settings Assessment Appendix 24.4: Onshore Archaeology and Cultural Heritage Site Visit, Photographs and notes			<ul style="list-style-type: none"> Associate Member of CfA
	Main author (2)	WSP	<p>Over 15 years of experience in the heritage sector, with 7 years' experience with EIA.</p> <ul style="list-style-type: none"> MA Maritime Archaeology BA Anthropology with a focus in Archaeology Associate Member of CfA
	Technical reviewer (1)	WSP	<p>Over 15 years of experience in the heritage sector, with 6 years' EIA experience, including offshore renewables.</p> <ul style="list-style-type: none"> BA Egyptian Archaeology MA Archaeology MSc Archaeological Prospection Associate Member of CfA
	Technical reviewer (2)	WSP	<p>35 years of experience in the heritage sector, with 26 years' EIA experience, including renewables, power and linear infrastructure.</p> <ul style="list-style-type: none"> BA Archaeology and Prehistory Member of CfA
Chapter 25: Onshore Noise and Vibration Appendix 25.1: Noise and Vibration Relevant Legislation, Planning Policy and Technical Guidance Appendix 25.2: Baseline Noise Survey Appendix 25.3: Construction Stage	Main author	WSP	<p>Over 21 years of experience in Acoustics Consultancy.</p> <ul style="list-style-type: none"> Chartered Scientist Member of the IOA Member of IEnvSc IOA Post Graduate Diploma in Acoustics and Noise Control BA (Hons) Environmental Management

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Noise and Vibration Assessment Appendix 25.4: Construction Stage Traffic Noise Assessment Appendix 25.5: Operational Stage Onshore Substations Noise Assessment	Technical reviewer	WSP	<p>21 years of experience in Acoustic Consultancy.</p> <ul style="list-style-type: none"> • Member of IOA • Member of IEnvSc MSc Engineering Acoustics • BSc (Hons) Engineering Acoustics • Project Management Qualification
Chapter 26: Traffic and Transport Appendix 26.1: Transport Assessment	Main author	WSP	<p>Five years of experience in Transport Planning</p> <ul style="list-style-type: none"> • MEng Civil Engineering
	Technical reviewer	WSP	<p>30 years of experience in Transport Consultancy Services.</p> <ul style="list-style-type: none"> • BEng Civil & Transportation Engineer • CEng Chartered Transport Planning Professional
Chapter 27: Landscape and Visual Appendix 27.1: Landscape and Visual Assessment Methodology Appendix 27.2: Viewpoint Assessment Appendix 27.3: Residential Visual Amenity Assessment	Main author	WSP	<p>12 years of landscape design and EIA experience.</p> <ul style="list-style-type: none"> • MSc Environment and Sustainable development • BSc Environmental Sciences, Social science • Diploma in Sustainable Design / Build
	Technical reviewer	WSP	<p>28 years of EIA experience.</p> <ul style="list-style-type: none"> • Fellow Member of Landscape Institute • Registered Practitioner Urban Design Group
Chapter 28: Climate Resilience	Main author	WSP	<p>Five years of EIA experience, 20 years' environmental consultancy experience.</p> <ul style="list-style-type: none"> • BSc Geography

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none"> • PISEP
	Technical reviewer	WSP	<p>24 years of experience in environmental impact assessment, climate risk and adaptation.</p> <ul style="list-style-type: none"> • BSc (Hons) Environmental Science, • CEnv
Chapter 29: Greenhouse Gases	Main author	WSP	<p>11 years of experience in EIA and carbon management and assessment.</p> <ul style="list-style-type: none"> • Masters in Environmental Studies • BSc Environmental Science • PISEP
	Technical reviewer	WSP	<p>20 years of experience in climate change mitigation and adaptation strategy and reporting.</p> <ul style="list-style-type: none"> • BSc (Hons) Chemistry, • PhD Chemistry, • MSc Renewable Energy Systems Technology
Chapter 30: Socio-Economics	Main author (1)	WSP	<p>25 years of experience in economic appraisal across the public and private sector in the UK, with a specialism in options appraisal and valuation of socio-environmental impacts.</p> <ul style="list-style-type: none"> • MSc Environmental Technology • Diploma in Environmental Economics and Environmental Management • MA Economics and Accounting
	Main author (2)	WSP	10 years of experience in economic impact

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<p>modelling, socio-economic assessment and EIA.</p> <ul style="list-style-type: none"> • MA (Hons) History • MSc Urbanisation and development
	Technical reviewer	WSP	<p>30 years of experience in policy, economics and financial advice with a long track record in the energy sector and of large national and international EIA projects with social, economic and environmental effects onshore and offshore.</p> <ul style="list-style-type: none"> • BA Engineering • MA Engineering
<p>Chapter 31: Civil and Military Aviation Appendix 31.1: Airspace Analysis and Radio Detection and Ranging Modelling</p>	Main author	Cyrrus Limited	<p>Over 30 years of experience in the aviation sector, including 20 years as a flight inspector of airport and enroute navigation aids.</p> <ul style="list-style-type: none"> • BEng Electrical and Electronic Engineering
	Technical reviewer	Cyrrus Limited	<p>Over 40 years of experience in the aviation industry as an Air Traffic Controller and Airline Captain.</p> <ul style="list-style-type: none"> • Air Traffic Control validation in <i>Tower, Approach, Area Control</i> • United States of America - Federal Aviation Administration • UK Civil Aviation Authority Airline Transport Licences held
Chapter 32: Inter-Related Effects	Main author	WSP	Over five years of experience in EIA, including renewable projects.

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none"> • MMar Biol Integrated Masters Marine Biology • PISEP
	Main author	WSP	<p>Over eight years of experience in EIA.</p> <ul style="list-style-type: none"> • BSc Ocean Science • MSc Sustainable Environmental Management • PISEP
	Technical reviewer	WSP	<p>16 years of EIA experience as offshore wind EIA project manager.</p> <ul style="list-style-type: none"> • MSc Aquatic Resource Management • BSc Environmental BioGeoScience
	Technical reviewer	WSP	<p>23 years of experience as an EIA project manager.</p> <ul style="list-style-type: none"> • MSc Pollution and Environmental Control • PGDip Environmental Science • BA (Hons) Geography
Chapter 33: Cumulative Effects Assessment Appendix 33.1: Identification of Offshore Other Developments for CEA Appendix 33.2: Identification of Onshore Other Developments for CEA Appendix 33.3: Marine Mammals CEA Appendix 33.4: Offshore and intertidal ornithology CEA	Main author	WSP	<p>Over five years of experience in EIA, including renewable projects.</p> <ul style="list-style-type: none"> • MMar Biol Integrated Masters in Marine Biology • PISEP
	Main author	WSP	<p>Over eight years' experience in EIA.</p> <ul style="list-style-type: none"> • BSc Ocean Science • MSc Sustainable Environmental Management • PISEP
	Technical reviewer	WSP	16 years of EIA experience as offshore

Aspect	Responsibility	Name of company	Qualifications / competencies of author
Appendix 33.5: Commercial Fisheries CEA			<p>wind EIA project manager</p> <ul style="list-style-type: none"> • MSc Aquatic Resource Management • BSc Environmental BioGeoScience
	Technical reviewer	WSP	<p>23 years of experience as an EIA project manager.</p> <ul style="list-style-type: none"> • MSc Pollution and Environmental Control • (PGDip Environmental Science • BA (Hons) Geography
Chapter 34: Summary	Main author	WSP	<p>Over five years of experience in EIA, including renewable projects.</p> <ul style="list-style-type: none"> • MMar Biol Integrated Masters Marine Biology • PISEP
	Main author	WSP	<p>Over eight years of experience in EIA.</p> <ul style="list-style-type: none"> • BSc Ocean Science • MSc Sustainable Environmental Management • PISEP
	Technical reviewer	WSP	<p>16 years of EIA experience as offshore wind EIA project manager.</p> <ul style="list-style-type: none"> • MSc Aquatic Resource Management • BSc Environmental BioGeoScience
	Technical reviewer	WSP	<p>23 years of experience as an EIA project manager.</p> <ul style="list-style-type: none"> • MSc Pollution and Environmental Control

Aspect	Responsibility	Name of company	Qualifications / competencies of author
			<ul style="list-style-type: none">• PGDip Environmental Science• BA (Hons) Geography

