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Volume 4, Appendix 1.1

Competent experts



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1. Competent experts

1.1.1 Competent persons involved in the preparation of this Preliminary Environmental Information Report (PEIR) are listed in the table below. The second column of this table includes three categories of staff, with different levels of responsibility:

- technical reviewer;
- main author; and
- sub-author/contributor.

Table 1-1 Competent experts involved in the PEIR

Topic	Responsibility	Name of company	Qualifications / competencies of author
Chapter 1: Introduction	Main author	Wood	BSc Marine Biology, MSc Environmental Management, PIEMA. Over 3 years of experience in EIA.
	Technical reviewer	Wood	BSc, PIEMA. Over 18 years of experience in EIA, including complex UK and International infrastructure, renewables and oil and gas projects.
Chapter 2: Policy and legislative context	Main author	Wood	MSc Sustainability and Consultancy, B.B.S. Over 1 year of experience in EIA.
	Technical reviewer	Wood	BSc, PIEMA. Over 18 years of experience in EIA, including complex UK and International infrastructure, renewables and oil and gas projects.
	Technical reviewer	Wood	BSc Geography, MDC Town and Regional Planning. Over 15 years' experience in planning profession, including multiple complex UK infrastructure and DCO projects.
Chapter 3: Alternatives	Main author and Technical reviewer	Wood	BSc, PIEMA. Over 18 years of experience in EIA, including complex UK and International

Topic	Responsibility	Name of company	Qualifications / competencies of author
			infrastructure, renewables and oil and gas projects.
Chapter 4: The proposed development	Main author	Wood	Chartered Environmentalist, MIEMA, Msc, MA (Hons). Over 8 years of professional coastal and marine development and conservation experience in the UK and internationally, across government, private and NGO sectors.
	Technical reviewer	Wood	BSc Geography, and MSc Environmental Assessment and Management. Full member of IEMA. 27 years of EIA experience in the UK and EMEA. Leads teams of technical experts on complex, high-profile EIA projects across a variety of sectors through all the major consenting routes.
	Technical reviewer	Wood	BSc, PIEMA. Over 18 years of experience in EIA, including complex UK and International infrastructure, renewables and oil and gas projects.
Chapter 5: Approach to the EIA	Main author	Wood	BSc (Hons), PIEMA. Five years of experience in EIA including major infrastructure projects in the UK aviation, nuclear and renewables industries.
	Technical reviewer	Wood	BSc, PIEMA. Over 18 years of experience in EIA, including complex UK and International infrastructure, renewables and oil and gas projects.
Chapter 6: Coastal processes	Main author	ABPmer	BSc Oceanography with Physical Geography, PhD Sediment Dynamics, further 16 years in academia and consultancy, involved in EIA for more than 10 OWFs in UK.

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	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy
Chapter 7: Other marine users	Main Author	GoBe Consultants	Environmental Science, MSc Environmental Consultancy. Over one year of experience in marine environmental consultancy.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy
Chapter 8: Fish and shellfish ecology	Main Author	GoBe Consultants	BSc Marine Biology, MSc Marine Science. Over one year of experience in marine environmental consultancy
	Sub-author	GoBe Consultants	BSc Marine Biology, MSc Environmental Technology. Over 12 years' experience in marine and coastal survey and impact assessment.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy
Chapter 9: Benthic subtidal and intertidal ecology	Main author	GoBe Consultants	BSc Marine Biology, MSc Environmental Consultancy. Over 10 years' experience working in the fields of subtidal and intertidal consultancy and has a sound working knowledge of the Rampion site having worked with E.ON on this project during the post consent compliance phase.
	Sub-author	GoBe Consultants	BSc Marine Biology and Coastal Ecology, MSc Environmental Consultancy. Over 10 years' experience working in the fields of subtidal and intertidal consultancy.

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	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy
Chapter 10: Commercial Fisheries	Main author	Poseidon Aquatic Resource Management	BA Geography, MSc Tropical Coastal Management, Pg Cert Environmental Management. Over 14 years' experience in marine environmental consultancy.
	Technical reviewer	Poseidon Aquatic Resource Management	BSc Marine Biology, BEng Chemical Engineering. Over 14 years' experience in marine environmental consultancy.
Chapter 11: Marine mammals	Main author	GoBe Consultants	BSc Marine Biology, MSc Environmental Consultancy. Over 10 years' experience working in marine ecological consultancy and has a sound working knowledge of the Rampion site having worked with E.ON on this project during the post consent compliance phase.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy
Chapter 12: Offshore ornithology	Main author	APEM Ltd	BA Natural Sciences, MA (Cantab), PhD Conservation Science. Two years' professional experience in environmental sector.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy.
Chapter 13: Shipping and navigation	Main author	Anatec Ltd	Multiple industry qualifications and a BSc in Shipping Operations combined with over 21 years' experience within the maritime industry dealing with port and vessel operations. The last 12 years have been dedicated to undertaking Navigation Risk

Topic	Responsibility	Name of company	Qualifications / competencies of author
			Assessments for Offshore Renewable Energy Installations.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy.
Chapter 14: Nature conservation	Main author	GoBe Consultants	BSc Marine Biology, MSc Environmental Consultancy. Over 10 years' experience working in marine ecological consultancy and has a sound working knowledge of the Rampion site having worked with E.ON on this project during the post consent compliance phase.
	Sub-author	GoBe Consultants	BSc Marine Biology and Coastal Ecology, MSc Environmental Consultancy. Over 10 years' experience working in marine ecological consultancy.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy.
Chapter 15: Civil and military aviation	Main author	Cyrrus Ltd	Over 30 years' experience in the Air Traffic Management (ATM) industry. Aviation consultant specialising in aviation support to airports, airport developers and air navigation service providers
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy.
Chapter 16: Seascape, landscape and visual	Main author	Optimised Environments Ltd	MA Hons Landscape Planning and Management. Chartered Member of the Landscape Institute Architect (CMLI). Over 19 years' experience working in landscape and visual impact assessment (LVIA) consultancy

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	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy.
Chapter 17: Marine archaeology	Main author	Maritime Archaeology	BA, MA, Maritime Archaeologist with 15 years of experience of Environmental Impact Assessments and Offshore Wind Farms in UK waters.
	Sub-author	Maritime Archaeology	BA, MSc, Maritime Archaeologist with over 5 years of experience of UK marine archaeology.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy.
Chapter 18: Socio-economics	Main authors	Hatch Associates Ltd	MSc Economics. 30 years' experience as a development economist, including assessing the socio-economic of economic infrastructure, energy investments and low carbon transition.
			BA (Hons) Geography, MSc Urban Regeneration. Ten years of experience working in urban economic development and regeneration specialising in socio-economics and impact assessment.
	Sub-author	Hatch Associates Ltd	BA Economics & Geography, MSc Urban Regeneration & Development. Two years of experience working in economic development and regeneration. Key areas of work in socio-economic impacts in a planning context and data analysis. RTPI licentiate member.
	Sub-author	Hatch Associates Ltd	B.Sc. (Hons) Ecol. Sci. MIPROW. Full member of Institute of Public Rights of Way & Access Management since 1991.

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			Independent environmental consultant since 2000 focusing on countryside access.
	Technical reviewer	GoBe Consultants	BSc Biology. Over 25 years' experience in marine environmental consultancy.
Chapter 19: Landscape and visual impact assessment	Main author	Wood	Associate Director CMLI BA (Hons) Landscape Architecture. Over 15 years of experience in landscape design and visual impact assessment.
	Technical reviewer	Wood	Technical Director and Key Speciality Leader CMLI BA (Hons) Landscape Architecture. Over 26 years of experience in landscape design and visual impact assessment.
Chapter 20: Air quality	Main author	Wood	BSc Mathematics with Astronomy, MSc Nonlinear Mathematics. MIAQM, MIEnvSci. Over 30 years of experience in air quality management.
	Technical reviewer	Wood	BSc(Hons), PhD. CEnv, MIAQM, MIEnvSci. Over 30 years of experience in air quality management.
Chapter 21: Soils and agriculture	Main author	Land Research Associates	MSc Soils and Sustainability, 5 years' experience as a Soil and Land Consultant
	Technical reviewer	Land Research Associates	PhD, CSci, MISoilSci, over 15 years' experience in the soils and agriculture industry
	Sub-author	Wood	Senior Consultant with 15 years' experience in environmental consultancy specialising in land quality assessment for planning, environmental impact assessment, due diligence, and environmental permitting. IEMA

Topic	Responsibility	Name of company	Qualifications / competencies of author
			Registered Environmental practitioner.
	Technical lead/reviewer	Wood	Technical Director with over 25 years' experience in the assessment and management of environmental issues including contaminated land, geology and soils. IEMA Registered Environmental Auditor.
Chapter 22: Noise and vibration	Main author	Wood	BSc Physics. MSc Environmental Acoustics. Associate Member of the Institute of Acoustics. 3 years of experience.
	Sub-author	Wood	BSc Physics. MSc Acoustics. Associate Member of the Institute of Acoustics. 3 years of experience.
	Sub-author	Wood	BEng Civil Engineering. PhD in Noise and Vibration. Chartered Engineer. Member of Institute of Mechanical Engineers and Institute of Acoustics. 9 years of experience.
	Technical reviewer	Wood	MSC Environmental Management, PDip Acoustics and Noise Control. Member of Institute of Acoustics. 15 years' experience
Chapter 23: Terrestrial ecology and nature conservation	Main author	Wood	BSc(hons) Biology. MSc Wildlife Management and Conservation. PhD Ecology. Over 16 years of experience in ecological consultancy including Ecological Impact Assessment, Habitats Regulations Assessment, Biodiversity Net Gain assessment and wildlife licensing.
	Sub-author	Wood	BSc(hons) Environmental Science. MSc Biodiversity and Conservation. Over 6 years of experience in ecological

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			consultancy including Preliminary Ecological Appraisal, planning and implementation of field survey programmes and Ecological Impact Assessment.
	Technical reviewer	Wood	BSc (hons) Biology and Environmental Resources. MSc Environmental Assessment and Management. UK Ecology Team Lead with over 17 years' experience in ecological consultancy including ecological survey design and assessment (EcIA), ecological mitigation and compensation design and implementation and wildlife licensing and legislative advice.
Chapter 24: Transport	Main author	Wood	BA (Hons), Geography/Planning. Over 15 years of experience in transport planning for a wide range of development schemes including several power and DCO projects. Work has encompassed Environmental appraisals, access design and appraisal, access strategy development, transport assessment and construction traffic management, including AILs.
	Technical reviewer	Wood	BA Planning, DipTP Planning, MSc Transport Engineering and Operations. Over 25 years of experience in transport planning for a broad range of development schemes including access appraisal, transport assessment and environmental impact assessment work.
Chapter 25: Ground conditions	Main author	Wood	Principal Consultant with 15 years' experience in environmental consultancy and a chartered member of the Chartered Institute for Water and

Topic	Responsibility	Name of company	Qualifications / competencies of author
			Environmental Management. Technical background focused on environmental risk management, ground investigation and remediation and environmental impact assessment.
	Sub-author	Wood	Senior Consultant with 15 years' experience in environmental consultancy specialising in land quality assessment for planning, environmental impact assessment, due diligence, and environmental permitting. IEMA Registered Environmental practitioner.
	Technical lead/reviewer	Wood	Technical Director with over 25 years' experience in the assessment and management of environmental issues including contaminated land, geology and soils. IEMA Registered Environmental Auditor.
Chapter 26: Historic environment	Main author		BA, MA and MSc in archaeology. Over 10 years' experience in the UK historic environment sector, as a field archaeologist, geophysical surveyor, researcher and consultant.
	Technical reviewer		BA in archaeology. 30 years of experience working in the UK historic environment sector as a field archaeologist and consultant.
Chapter 27: Water environment	Main author	Wood	BSc Geography. Over 3 years' experience in flood risk assessment and hydraulic modelling.
	Technical reviewer	Wood	BSc Meteorology and Physical Oceanography. Over 15 years' experience in flood risk assessment and sustainable drainage.

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Chapter 28: Major accidents and disasters	Main author	Wood	MChem in Chemistry, Chartered Environmentalist and Chartered Chemist. Over 7 years' experience in risk assessment of Major Accidents.
	Technical reviewer	Wood	BSc in Physics and Chartered Physicist. Over 30 years' experience in risk assessment of Major Accidents.
	Main author	Wood	BSc Biology. Associate Director with 20+ years environmental consultancy experience across utility (energy, water) and wide range of sector, delivering expertise in sustainability, compliance and management systems, climate risk, reporting, KPIs.
Appendix 5.2: Greenhouse gas assessment	Author	Wood	MSci Natural Sciences, PhD Paleoclimate and Geochemistry. 2 years of experience in environmental consultancy including authoring climate change (GHG assessments and climate vulnerability) EIA assessments.
	Technical reviewer	Wood	BSc (Hons) Biology, NEBOSH National General Certificate, Occupational Health and Safety, 25+ years of experience in climate resilience and sustainability.
Appendix 27.2: Flood Risk Assessment	Main author	Wood	BSc Geography. Over 3 years' experience in flood risk assessment and hydraulic modelling.
	Technical reviewer	Wood	BSc Meteorology and Physical Oceanography. Over 15 years' experience in flood risk assessment and sustainable drainage.

Topic	Responsibility	Name of company	Qualifications / competencies of author
Appendix 11.1-3: Marine Mammals Technical Reports	Main author	SMRU Consulting	BSc Hons Marine Biology, MRes Marine Mammal Science. Seven years' experience working in marine mammal consultancy. Specialises in impact assessments and has been involved in over 10 OWF EIAs in UK waters.
	Sub-author	SMRU Consulting	BSc Marine Vertebrate Zoology, MSc Marine Mammal Science.
	Technical reviewer	SMRU Consulting	BSc Marine Geography, MRes Marine & Fisheries Science, PhD Marine Science. Seven years' experience in environmental consulting, five of which specialised in marine mammals.

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