



# Preliminary Environmental Information Report

## Appendix 1B: Competent Experts

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**Future Energy Llanwern Limited**

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# 1.B Statement of Competency

## 1.1 Introduction

- 1.1.1 This Appendix provides a statement of competence as required under the European Union Directive 2014/52/EU (Ref. 1B-1) requires that developers ensure that the Environmental Impact Assessment (EIA) report is prepared by ‘competent experts’.
- 1.1.2 The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (Ref 1B-2) states that “the Environmental Statement must be accompanied by a statement from the applicant outlining the relevant expertise or qualifications of such experts”.

## 1.2 Competent Experts

- 1.2.1 **Table 1B-1** below, summarised the qualifications and experience of the EIA Project Director, responsible for reviewing the content set out in the Preliminary Environmental Impact Report, and the EIA Project Manager, responsible for the coordination of the EIA.

Table 1B-1 EIA Core Team

EIA Technical Discipline	
<b>EIA Project Director</b>	<p>Technical Director with 20 years’ experience in environmental management and protection and has led a wide variety of multi-disciplined EIA projects ranging from infrastructure regeneration, and masterplans. EIA experience extends to giving evidence at DCO Issue Specific Hearings on EIA and HRA and supporting technical specialist during Examination.</p> <p>Worked closely with statutory authorities when securing planning approvals, permits and licenses across a wide range of sectors including energy (renewables, CCGT power stations, gas pipeline and overhead lines), infrastructure (road, rail and water), water (Strategic Advice and AMP Delivery), and placemaking (housing, shopping centres and sporting venues).</p> <p>Has provided both technical and mentoring support on several national frameworks e.g. National Grid, HS2 &amp; Fusion, Horizon Nuclear Power Ltd, Water Utilities (Welsh Water / Wessex, UU), Environment Agency, and Welsh Government.</p>

EIA Technical Discipline	
	Recent project experience includes the delivery of EIA for Meridian Solar Farm and Overhead Line DCO and River Thames Scheme DCO.
<b>EIA Project Manager</b>	<p>Principal Consultant with 5 years' experience, specialising in managing the environmental assessment process of schemes, including experience coordinating the EIA process, Town and Country Planning Applications, Biodiversity Net Gain Assessments and Habitat Regulation Assessments. Primary area of expertise is in the preparation and coordination of EIAs for national infrastructure projects, namely within the energy sector, managing the delivery of large-scale solar and onshore wind.</p> <p>Has extensive experience across different consenting regimes and within the examination process for major infrastructure projects. Recent project experience includes the delivery of EIA for a wide range of applications.</p>

1.2.2 The PEIR has been prepared and approved by a number of competent experts, who hold professional memberships and accreditations demonstrating their commitment to continued professional development within their respective fields are presented in **Table 1B-2**.

Table 1B-2 Technical Leads

EIA Technical Discipline	Qualifications/ Professional Memberships/ Accreditation	Years of Experience	Summary of Previous Projects Experience of Technical Lead
<b>Chapter 6: GHG</b>	PhD, MSc, BDC (Hons)  EI, CIBSE, UKAEE	19	Specialist in energy transition and low/zero carbon energy generation. He was accredited under the Carbon Trust’s consultant programme and has two decades of experience in all aspects of greenhouse gas reporting at corporate and project levels. Has delivered multiple feasibility and optioneering studies as a low carbon energy specialist, considering how best to use local renewable resource in meeting energy requirements.
<b>Chapter 7: Cultural Heritage and Archaeology</b>	MA, BA (Hons), MCIfA	15	Heritage and archaeology specialist with extensive experience managing UK fieldwork projects for public and private clients. Skilled in archaeological mitigation, desk-based assessments, and environmental statements. Strong knowledge of UK historic environment legislation and expertise in analysis and interpretation of archaeological data.
<b>Chapter 8: Ecology</b>	BSc, MSc, MCIEEM	15	Full member of CIEEM with experience in various major development projects including residential, commercial and renewables. Lead ecologist on multiple Ecological Impact Assessments, Environmental Statement chapters, ecological management plans, Biodiversity Net Gain assessments, as well as advising on ecological constraints and opportunities in the UK and attending public inquiries/ hearings. Acted on behalf of LPA as ecological consultee for onshore elements of major offshore renewable developments.

EIA Technical Discipline	Qualifications/ Professional Memberships/ Accreditation	Years of Experience	Summary of Previous Projects Experience of Technical Lead
<b>Chapter 9: Ornithology</b>	BSc (Hons) MSc, Full member of Chartered Institute of Ecology and Environmental Management	15	Full member of CIEEM with experience in various major development projects including residential, commercial and renewables. Lead ecologist on multiple Ecological Impact Assessments, Environmental Statement chapters, ecological management plans, Biodiversity Net Gain assessments, as well as advising on ecological constraints and opportunities in the UK and attending public inquiries/ hearings. Acted on behalf of LPA as ecological consultee for onshore elements of major offshore renewable scheme.
<b>Chapter 10: Water Environment</b>	MEng, MSc C. WEM, MCIWEM	22	Chartered Water and Environmental Manager with over 20 years' experience in water engineering and environmental consultancy. Expertise in strategic and site-specific flood risk assessments, management strategies, and EIA documentation, including Environmental Statements and Water Framework Directive assessments. Extensive experience supporting infrastructure planning and Development Consent Orders, ensuring water environment considerations are integrated from project inception.
<b>Chapter 11: Landscape and Visual Impact Assessment</b>	BA (Hons), Postgraduate Diploma Landscape Architecture, MA, Chartered Member of the Landscape Institute	17	Chartered Landscape Architect with expertise in landscape planning, design, and LVIA. Experienced in securing planning approvals for sensitive sites through collaborative design and stakeholder engagement. Skilled in developing creative, context-sensitive solutions from initial appraisals to detailed landscape strategies and assessments, ensuring respect for local character, visual amenity, and environmental impact.

EIA Technical Discipline	Qualifications/ Professional Memberships/ Accreditation	Years of Experience	Summary of Previous Projects Experience of Technical Lead
<b>Chapter 12: Glint and Glare</b>	Dip Arch, MSC Eq, PhD	30+	Experience in environmental design and sustainable development projects worldwide. Advising on building impacts and associated risks from concept through planning. Expertise includes thermal comfort studies, wind microclimate assessments, daylight/sunlight and overshadowing analysis, solar glare, overheating assessments, and visual comfort strategies for residential, commercial, education, rail, aviation, and energy sectors.
<b>Chapter 13: Noise and Vibration</b>	<i>BSc (Hons), MIOA</i>	14	Acoustics specialist with 14 years' experience delivering noise and vibration assessments for major energy and waste projects, including NSIPs. Expertise spans impact assessment, acoustic surveying, predictive modelling, and technical authoring to support planning and compliance. Key achievements include noise assessment for Poland's first nuclear power plant (consented 2025), EIADR applications for Hinkley B and Hunterston B decommissioning, and award-winning offshore piling monitoring for Hinkley Point C. Extensive experience across nuclear, wind, solar, substations, energy storage, and EfW schemes in the UK and Europe.

EIA Technical Discipline	Qualifications/ Professional Memberships/ Accreditation	Years of Experience	Summary of Previous Projects Experience of Technical Lead
<b>Chapter 14: Socio-economic, Tourism and Recreation</b>	<i>IEMA, Chartered Institute of Public Relations</i>	18	<p>Experienced environmental and consent management professional with a strong track record in stakeholder engagement and legislative compliance for major infrastructure projects across rail, highways, power, and carbon capture. Skilled in managing environmental assessments, authoring Environmental Statement chapters, and coordinating complex consenting processes including Public Right of Ways diversions, stopping-up Orders, and temporary works applications. Provided legislative review for Welsh Government streetworks systems migration, demonstrating expertise in regulatory frameworks and collaborative delivery.</p>
<b>Chapter 15: Transport and Access</b>	<i>BSc (Hons), MSc. MCIHT</i>	22	<p>Transport Planning Specialist with over 20 years' experience providing highways and transportation advice for planning applications and Development Consent Orders. Expertise includes project management for residential schemes, transport strategy development, and preparation of Transport Assessments. Delivered public sector projects involving junction and corridor assessments, traffic management studies, and walking/cycling strategies. Experienced in supporting mixed-use developments with EIA Transport Chapters and complex transport solutions, including ferry service relocation and major waterfront regeneration.</p>

EIA Technical Discipline	Qualifications/ Professional Memberships/ Accreditation	Years of Experience	Summary of Previous Projects Experience of Technical Lead
<b>Chapter 16: Ground Conditions</b>	<i>MEnVS, IES, SoBRA, BSSS</i>	20	Environmental consultant and project manager specialising in land quality assessment for planning, EIA, due diligence, and permitting. Extensive knowledge of UK regulatory regimes and best practice for contaminated land and environmental permitting. Experienced across energy, manufacturing, oil and gas, water, and public sector clients. Contributor to 2022 IEMA guidance on land and soil in EIA and technical lead for soils and agricultural land on wind, solar, residential, and energy projects.

## 1.3 References

Ref 1B-1 Directive 2014/52/EU of the European Parliament and of the Council of 16 April 2014 amending Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment Text with EEA relevance.

Ref 1B-2 The Infrastructure Planning (Environmental Impact Assessment) (Amendment) Regulations 2017). Available at: [http://www.legislation.gov.uk/ukxi/2017/572/pdfs/ukxi\\_20170572\\_en.pdf](http://www.legislation.gov.uk/ukxi/2017/572/pdfs/ukxi_20170572_en.pdf) [Accessed November 2025].