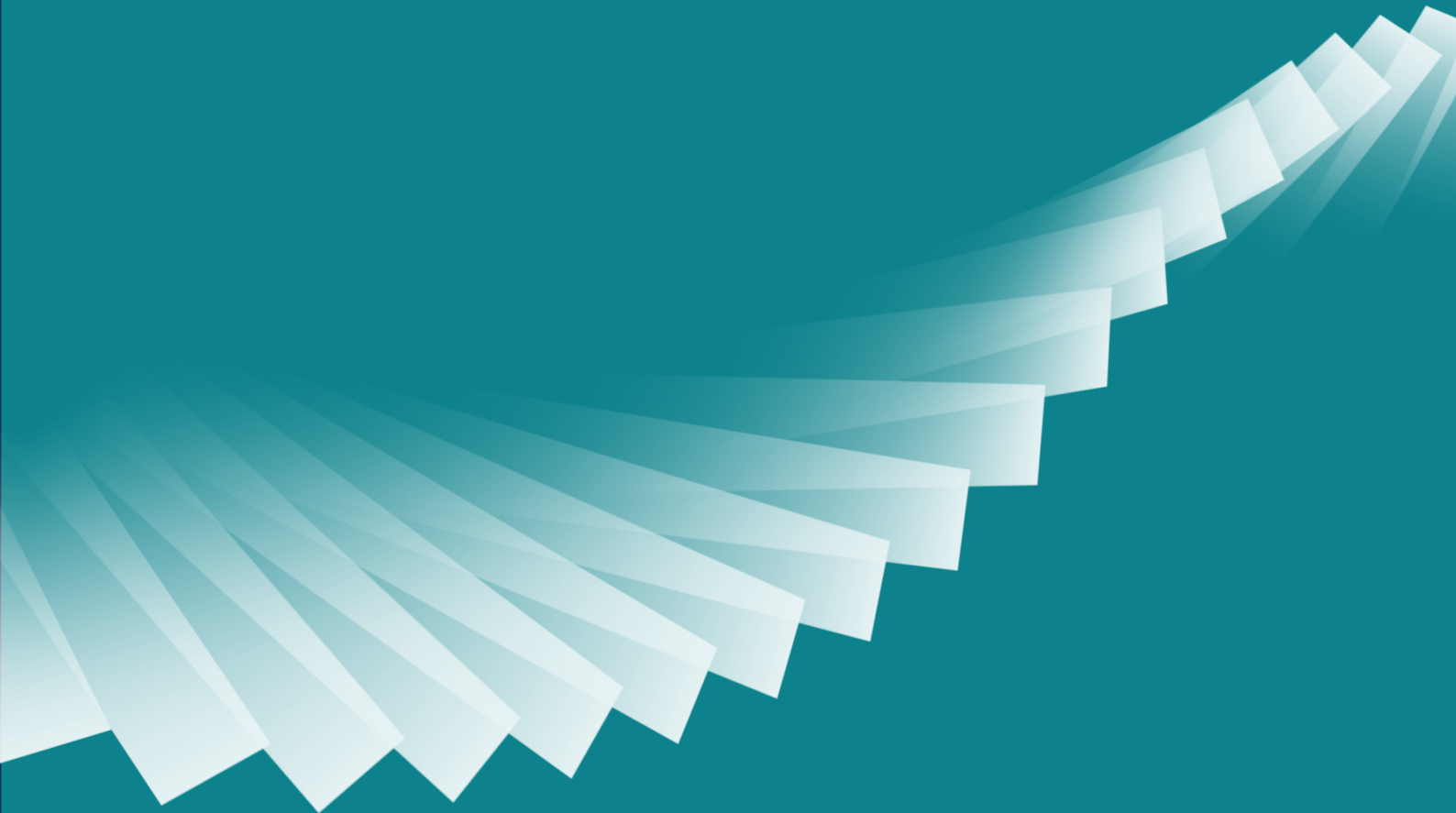




Bute Energy
Aberedw Energy Park

Appendix 1.1:

Statement of Expertise



Aberedw Energy Park Limited

Aberedw Energy Park Environmental Statement

Appendix 1.1: Statement of Expertise

Appendix 1.1: Statement of Expertise

A.1 Regulation 17(4)(a) of the EIA Regulations (Wales) requires the Environmental Statement (ES) to be prepared by “persons who in the opinion of the relevant planning authority or the Welsh Ministers, as appropriate, have sufficient expertise to ensure the completeness and quality of the statement”.

Chapter	Qualification/Expertise of Person Responsible
Chapter 1: Introduction Chapter 2: Approach to the EIA Chapter 3: Site Selection and Design Strategy Chapter 4: Development Description Chapter 12: Summary of Interrelated Cumulative Effects and Likely Significant Effects (prepared by LUC with inputs into the Chapter 2 from WPAC and Pager Power and Chapter 4 from Bute Energy and Pell Frischmann)	Hywel Roberts CEnv MIEMA has 25 years of experience in the delivery of planning permission and development consent for a range of infrastructure developments across the British Isles. Hywel has led and managed on all stages of the environmental assessment process for the development of multi-disciplinary projects and has acted as an expert witness on a number of occasions for both public and private sector clients. Sophie Nioche MSc (Hons) PIEMA CEnv is an Associate Environmental Planner with over 14 years' experience in project coordination and management with a particular focus on EIA. She has managed the production of ESs for several wind energy projects in the UK. Sophie has also contributed to wind feasibility studies for several developers in Wales. In addition to renewable energy schemes, Sophie has also managed EIAs for several strategic land developments, residential led mixed-use schemes and commercial developments. James Plumb LLB (Hons) Law is a Senior Technical Analyst with 2.5 years of experience in the field of wind farm development and shadow flicker impacts. James has worked on wind farms in the UK and abroad, and he is aware of how shadow flicker assessments using best methods can result in fewer delays in the project's timeline. James has expertise working with developers and key stakeholders to mitigate shadow flicker impacts. Because of this, James is in a good position to counsel wind developers on the planning concerns related to shadow flicker impacts and the various mitigation strategies. Cdr John Taylor RN (Ret) – after a career in the Royal Navy specialising in Air Traffic Control (ATC), Airspace Management and Air Defence which culminated in leading both the ATC and Fighter Control Specialisations, John worked for Lockheed Martin UK for three years as a Principal Consultant and Business Area Manager responsible for Air Traffic Management Consultancy, including the provision of advice to wind farm developers. In 2008, he founded WPAC Ltd and since then he and his team have provided aviation advice in relation to over 2,000 wind farm and wind turbine sites, given evidence at several planning inquiries and enabled many sites to overcome aviation objections where it was feasible to do so. He and his team have also provided advice to several Local Planning Authorities, RenewableUK and the Aviation Fund Management Board, including organising workshops and the provision of guidance documents. John also advises planners and developers in relation to physical and technical safeguarding of non-wind farm developments in the vicinity of aviation facilities. The onsite design civil engineering elements to support the Environmental Statement and planning application were led by Scott McGarva (Hons) Civil Engineering, GMICE, Technical Director at Pell Frischmann. Scott has undertaken the lead engineering design role on numerous onshore wind projects, including Nant Mithil, and has over 20 years' experience across various aspects of civil engineering. Scott has been supported by Scott McLeod EngTech MICE, a Principal Engineer at Pell Frischmann.
Chapter 5: Landscape and Visual Amenity (prepared by LUC)	Rebecca Knight BSc (Hons) DipLA MA FLI is a Chartered Landscape Architect and Fellow of the Landscape Institute with over 25 years' experience in landscape planning including landscape and visual impact assessment (LVIA). She has undertaken LVIAs for over 60 projects and regularly review LVIAs as well as provides advice on landscape issues to both public and private sector clients. She has written, or contributed to the production of, evidence for numerous public inquiries and examinations (including responding to the Inspector's questions relating to landscape and visual impacts for the Infrastructure Planning Commission Examination into the Brechfa Forest West

Chapter	Qualification/Expertise of Person Responsible
	Windfarm in Wales) and has acted as expert witness on landscape and visual issues. Rebecca is also a member of the Landscape Institute's Technical Committee and is Chair of the Guidelines for Landscape and Visual Impact Assessment Advisory Panel. Edward White BA (Hons) MLA CMLI is a Chartered Landscape Architect with over ten years' experience in landscape planning and environmental consultancy in the UK and abroad. Edward has been involved in a range of projects within urban, rural and coastal environments, and undertaken a wide range of assessment work including Landscape and Visual Impact Assessments (LVIA), Landscape Character Assessments and Landscape Sensitivity Studies. His work involvement has included projects within the energy, residential, retail, commercial and infrastructure sectors. Edward has prepared LVIA's for a variety of planning applications, either as part of an Environmental Impact Assessment (EIA) or as a standalone report. Edward has been involved in all stages of the process, including desk studies, fieldwork, stakeholder workshops and reporting. In addition, Edward has assisted in the preparation of evidence during examination and undertaken peer reviews on behalf of councils.
Chapter 6: Archaeology and Cultural Heritage (prepared by LUC)	Steven Orr MA (Hons) MSc LRTPI FSAScot is the Director for Planning and Historic Environment at LUC. Steven is a highly experienced town planner and landscape archaeologist, with considerable expertise in research, policy development and environmental assessment. Leading LUC's historic environment team, Steven's archaeological and heritage management knowledge and expertise, coupled with his planning experience, means that he is well placed to advise on creative, sustainable solutions for conserving and enhancing assets and their setting. Steven's strong track record in policy and research makes him a trusted adviser to government, agencies and non-governmental organisations (NGOs), including acting as an expert witness. David Bull BA (Hons) MCIfA is a Principal Historic Environment Consultant and has over 24 years' experience as a historic environment professional. David has worked on major infrastructure projects across the UK, including Wales. David is an experienced archaeologist and heritage consultant specialising in historic environmental assessment. Previously he worked on heritage assessments for road and rail transport, new nuclear and energy grid connection projects for a leading engineering consultancy. For LUC this has focused on renewable energy projects. David benefits from his previous experience working in Wales for the as a heritage specialist with the Clwyd-Powys Archaeological Trust, as well as Historic England and local government planning services as a development control archaeologist. Cecilia Galleano BA, MA, ACIfA has over 10 years of experience in the heritage commercial sector, with a solid track record in renewable energy projects and commercial developments across the UK. Specialising in the assessment of heritage assets' significance and their sensitivity to change, Cecilia is highly skilled in producing Historic Environment Assessments and appraisals. Cecilia has also gained significant experience supervising archaeological investigations, including watching briefs, evaluations, and excavations, strengthening her expertise in archaeological fieldwork.
Chapter 7: Ecology (Non-avian) (prepared by LUC)	Niall Machin BSc (Hons), MCIEEM has over 40 years' experience of working in ecology and sustainability, with over 25 years as an ecologist working across the voluntary, public, government and private sectors. He has authored a number of Ecological Impact Assessments and Ecology Chapters for major development schemes and infrastructure projects and has appeared as an expert ecology witness at a number of public inquiries including for Network Rail on the Transpennine Route Upgrade (Nov 2021). Niall sits on the CIEEM England Policy Group. He has experience of working on Welsh wind farms in Pembrokeshire, Ceredigion, Rhondda Cynon Taf and Powys as well as OHL schemes in Wales.
Chapter 8: Ornithology (prepared by LUC)	Iain Mackenzie BSc MSc MCIEEM has 24 years of experience as a professional ornithologist and ecologist, working within the consultancy sector and as a project manager and conservation advisor. Iain has managed ornithological input for over 35 wind farm and power line developments and taken a lead role in ecological survey and assessment at over 20 projects in a range of sectors. Iain regularly undertakes

Chapter	Qualification/Expertise of Person Responsible
	technical reporting, EclA and HRA and has advised clients via feasibility studies, constraints mapping, project design and mitigation strategies. Iain has planned and carried out bird and protected species surveys in a range of habitats and is an experienced data analyst, having undertaken bird collision risk modelling and population modelling for several wind farm and powerline projects. Iain has also planned and managed conservation projects in the public and charitable sectors, focusing on species recovery and the provision of conservation advice to land managers.
Chapter 9: Hydrology, Hydrogeology and Geology (prepared by Aqua Terra Consulting)	James Mortimer B.Eng (hons) FGS has over 20 years' experience in geo-environmental and hydrological consultancy. James has extensive experience in environmental impact assessments (EIA), particularly focusing on ground conditions, hydrology, and peatland environments. He served as project manager for the ground conditions and water resources components of a 90km transmission line in mid-Wales, liaising with local authorities and stakeholders. For four upland windfarms in the region, he led detailed field assessments on peat, soil, hydrology, and slope stability, ensuring input into the EIA and design process. James also managed hydrology and ground condition assessments for a 50MW solar farm in the East Midlands, addressing sensitive environmental receptors including a protected SAC-designated river.
Chapter 10: Noise and Vibration (prepared by Hoare Lea)	Matthew Cand Dipl. Eng. PhD MIOA is a full member of the Institute of Acoustics. He is an Associate Director at Hoare Lea LLP who has responsibility for running the environmental noise group, which has a focus on EIAs. Matthew has over 18 years' experience in the assessment of environmental acoustics and has conducted more than 60 noise assessments for inclusion of EIAs for wind farms. Matthew is an expert in the assessment of wind farm noise and is one of the authors of the UK Institute of Acoustics Good Practice Guide (IOA, 2013). Matthew has also been engaged as expert witness at planning inquiries and noise nuisance cases.
Chapter 11: Transport and Access (prepared by Pell Frischmann)	Gordon Buchan BEng (Hons) MSC CMILT FCIHT is the Senior Director at Pell Frischmann. Gordon has over 27 years' experience of undertaking the transport assessments associated with new developments and has worked on renewable energy and energy distribution projects across the UK, Ireland and Northern Europe. Elaine Moran BEng (Hons) MSC MCIHT is a Senior Transport Planner at Pell Frischmann. Elaine has over nine years of experience in the traffic and transport planning industry and has been involved in the preparation of over 25 traffic and transport assessments for inclusion of EIAs for wind farm projects.