

Appendix 1B

EIAR Technical Team Details

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APPENDIX 1B – EIAR TECHNICAL TEAM DETAILS

1.1 Introduction

1.1.1 Details and statement (a 'statement of competence') of the relevant expertise and qualifications of each of the contributors to the EIAR is required by EIA Regulations.

1.1.2 This assessment has been undertaken and the subsequent EIAR prepared by AECOM on behalf of EP Energy Developments Ltd. Table 1.1 includes the relevant company, as well as their respective inputs to the EIAR.

Table 1.1: The Technical Team – EIAR Chapter Production

EIAR CHAPTER NO.	CHAPTER TITLE	COMPANY NAME	TECHNICAL TEAM MEMBER
NTS	NTS	AECOM	Peter O'Connor/ Rachel Devine/ Grisel Calcagno
Chapter 1	Introduction	AECOM	Peter O'Connor/ Rachel Devine/ Grisel Calcagno
Chapter 2	Planning Policy	AECOM	Rachel Devine
Chapter 3	Need and Alternatives	AECOM	Peter O'Connor/ Rachel Devine
Chapter 4	Existing Site and Conditions	AECOM	Rachel Devine/ Grisel Calcagno
Chapter 5	The Proposed Development	AECOM	Peter O'Connor/ Rachel Devine/ Grisel Calcagno
Chapter 6	Consultations	AECOM	Rachel Devine
Chapter 7	Air Quality & Climate	AECOM	Danny Duce
Chapter 8	Cultural Heritage	AECOM	David Kilner
Chapter 9	Biodiversity	AECOM	Paul Lynas
Chapter 10	Landscape & Visual	AECOM	Joerg Schulz
Chapter 11	Noise and Vibration	AECOM	Andy Pagett
Chapter 12	Water Environment	AECOM	Kevin Forde
Chapter 13	Soils & Geology	AECOM	Kevin Forde
Chapter 14	Traffic	AECOM	Emma Greenless
Chapter 15	Land Use	AECOM	Grisel Calcagno
Chapter 16	Population & Human Health	AECOM	Grisel Calcagno
Chapter 17	Material Assets	AECOM	Peter O'Connor
Chapter 18	Major Accidents and Disasters		Alison Couley
Chapter 19	Cumulative Effects	AECOM	Rachel Devine/ Grisel Calcagno
Chapter 20	Conclusions	AECOM	Rachel Devine/ Grisel Calcagno

1.1.3 In accordance with EIA Regulations, AECOM confirms that experts involved in the preparation of this EIAR are fully qualified and competent in their respective fields. Each expert has extensive proven expertise in the relevant field concerned, thus ensuring that

the information provided herein is complete and of high quality. A short biography for each team member is included in Table 1.2.

Table 1.2: The Assessment Team- biography

TEAM MEMBER	BIOGRAPHY
<p>Name: Peter O'Connor Title: Associate Director, AECOM</p> <p>Qualifications: BSc (Hons) Dip Geo MRICS MCIWM MIQ</p>	<p>Peter is an Associate Director and Environmental Project Manager, responsible for the project management of Environmental Statements and Scoping studies throughout Northern Ireland, Ireland and GB. He is a Chartered Surveyor (MRICS) with over 20 years' experience in consultancy, he has been responsible for the management and production of a diverse range of planning applications and Environmental Impact Assessments (EIA/EIAR) throughout the UK and Ireland for both public and private sector clients. His experience includes managing stakeholder engagement programmes, preapplication discussions, management of Public Inquiries, Pre-Commencement Condition Discharge and associated planning/ES and permits/PPC.</p>
<p>Name: Dr. Richard Lowe Title: Director, AECOM</p> <p>Qualifications: PhD Application of Repromodelling to tropospheric chemistry MSc Environmental Pollution Control BSc Physics with Honour</p>	<p>Richard is a Director with AECOM and has worked on international power projects located in Turkey, Italy, Netherlands, Mauritania, Turkmenistan, South Africa, Venezuela, Dominican Republic, Guatemala, Chile, Tanzania and Peru, covering environmental impacts and concept design issues, including acting as Lenders Advisor and appraising IFC compliance. Richard also directs industrial air quality work, having been involved in more than 200 assessments to date, interpreting dispersion modelling assessments to support BAT justifications for a wide range of industrial, power and development clients. In addition, Richard has conducted more than 40 due-diligence audits and specialises in mergers and acquisitions in the power sector. In addition, Richard has conducted more than 40 due-diligence audits and specialises in mergers and acquisitions in the power sector.</p> <p>Richard has been Project Director for 4 DCO consent applications for CCGTs in the UK, ranging from 1,400MW to 2,500MW, including drafting of Requirements, assessment of CCR and CHP feasibility, BAT appraisal for cooling technology, stack height evaluation, consultation with key stakeholders and consideration of permitting and COMAH implications. Three projects included up to 299MW of peaking plant within the consent. CCR reports included concept layout, thermal efficiency calculations and hazard consequence modelling of potential accidental leak scenarios. Richard has led the environmental inputs to the DCO on all projects, as well as the planning and concept engineering inputs on 2 of them. All used the</p>

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	Rochdale Envelope approach to provide a flexible consent
<p>Name: Rachel Devine Title: Principle Consultant, AECOM</p> <p>Qualifications: BSc (Hons) MSc MRTPI</p>	<p>Rachel is a Principal Environmental Consultant and is a Chartered Town Planner (MRTPI) with over 10 years' experience in consultancy. She has worked on major infrastructure projects across the UK and has experience of both public and private sector projects and clients. Her experience has included site secondments working for the contractors. She has site experience including managing stakeholder engagement, preapplication discussions, discharging planning conditions, preparation of planning applications and assisting with Environmental Statements, Scoping and Screening reports.</p>
<p>Name: Grisel Calcagno Title: Graduate Environmental Consultant, AECOM</p> <p>Qualifications: BSc, MSc Env (Hons)</p>	<p>Grisel is an Environmental Consultant in the AECOM Impact Assessment Practice Area team, with a first-class honour's Masters degree in Applied Environmental Science from UCD (2022). She has experience in the delivery of Environmental Impact Assessments (EIA/EIAR), including preparation and review of Screening and Scoping Reports, for transportation and data centre schemes. She has also worked on site appraisals, climate risk assessments, and coordinated urban agriculture projects.</p>
<p>Name: Danny Duce Title: Associate Director, AECOM</p> <p>Qualifications: MSc, BSc (Hons), MIAQM, MEnvSc, CEnv</p>	<p>Danny Duce is an Associate Director working for AECOM's Air Quality and Permitting Team. He has 26 years' experience in Air Quality Assessment, Management, Monitoring and Pollution Control, working across different regions requiring knowledge of a wide range of regulatory regimes and practices. During 16 years with AECOM, he has worked on a wide range of development projects including in the transport, industrial, waste, mineral extraction and processing, commercial, residential and mixed-use sectors.</p> <p>Danny has experience of carrying out surveys of ambient air quality and dust deposition, including on a number of large construction sites, mineral extraction sites and industrial facilities. Danny is a full member of the Institute of Air Quality Management (IAQM), the Institution of Environmental Sciences, and is a Chartered Environmentalist. He has developed formal air quality, dust and odour management plans for a range of projects, enabling them to be operated according to sector-specific best practice requirements. He graduated in 2003 from the University of Derby with a Master's degree in Environmental Management (Pollution Control) and has also been awarded a Bachelor's degree in Chemistry and Environmental Monitoring & Management</p>
<p>Name: David Kilner Title: Archaeological Consultant</p>	<p>David is an Archaeological Consultant responsible for Cultural Heritage input into Environmental Statements</p>

TEAM MEMBER	BIOGRAPHY
<p>Qualifications: BA (Hons), PG Dip, MSc</p>	<p>and Scoping studies throughout Great Britain and Ireland. He is a full member of the Institute of Archaeologists of Ireland and has been a heritage professional since 1998, working in the construction industry for clients in both the public and private sectors. For over 20 years now, he has been responsible for the management and assessment of Cultural heritage impacts on a range of urban developments, highways and infrastructure, government, public sector and private sector projects. David has been with AECOM since 2017 where he has undertaken a range of projects, from planning advice to archaeological baseline research, Environmental Impact Assessment, procuring and managing archaeological specialists and sub-contractors.</p>
<p>Name: Paul Lynas Title: Principal Ecologist, AECOM</p> <p>Qualifications: BSc (Hons) MRes PhD CEnv MCIEEM</p>	<p>Paul is an all-round ecologist with over seventeen years' experience and is currently Convener of the Irish Section of CIEEM. He has undertaken numerous flora and fauna assessments for wide-ranging clients, working in multi-disciplinary teams on many large-scale infrastructure projects including large scale public and private developments, road, rail, and power. This involvement has included inputs throughout assessment, write up, consultation and Public Inquiry where necessary.</p> <p>He contributes with ecological inputs into various Environmental Impact Assessments, Strategic Environmental Assessments, stand-alone projects and Planning Applications. Paul has also wide-ranging experience with the application of the European Habitats Directive and has undertaken many Appropriate Assessments, and also a variety of ecological monitoring and survey techniques with wide ranging survey experience of bats, birds, otters, badgers, smooth newts and invasive plant species.</p>
<p>Name: Joerg Schulz Title: Principal Landscape Architect, AECOM</p> <p>Qualifications: Dipl. – Ing. (FH) LA, MILI</p>	<p>Joerg is a Principal Landscape Architect with over 16 years' professional experience working for clients in the private and public sector. He has a comprehensive track record in developing and managing landscape and visual impact assessments of large commercial, residential, infrastructural, renewable energy, tourism and civic developments throughout the island of Ireland. He has extensive experience in all stages of the planning, design, tender and implementation process, contract management and as consultant for Part 8 and EIA / EIAR processes. His master planning experience includes advice on mitigation measures to minimise landscape and visual impacts, the preparation of detailed mitigation planting schemes and general landscape design within proposed development sites to facilitate staff, visitor, tourism and/or local community requirements.</p>

TEAM MEMBER	BIOGRAPHY
	<p>As part of the LVIA process, Joerg is also an expert in developing constraints studies, site suitability assessments, feasibility studies and associated mapping. He has prepared residential visual impact assessments, manages the production of photomontages and the preparation of ZTV/TVI mapping. He has been supervising site works and required maintenance periods for mitigation planting schemes.</p> <p>Joerg is a regular expert witness at Oral Hearings/Public Inquiries and prepared affidavits for renewable energy developments. He is an experienced team leader and works closely with other disciplines. He undertakes stakeholder engagements, consultations with communities and planning authorities, and has organised and participated in public workshops.</p>
<p>Name: Andy Pagett Title: Principal Acoustics Consultant, AECOM</p> <p>Qualifications: BSc (Hons) Music Acoustics and Recording, MIOA</p>	<p>Andy is a Principal Acoustic Consultant with over 15 years' experience in consultancy, including work in significant infrastructure projects across the UK. His experience includes the preparation of planning and Development Consent Order (DCO) applications including the input to scoping and screening reports, the preparation of Environmental Statement chapters for noise and vibration, public consultation, stakeholder engagement, and taking part in both DCO and public inquiry hearings.</p>
<p>Name: Kevin Forde Title: Associate Director / Hydrogeologist.</p> <p>Qualifications: BSc (Hons), Dip Comp Sci, MSc Hydrogeology.</p>	<p>Kevin is an Associate Hydrogeologist in the AECOM Ground, Energy and Transaction Services team and has more than 29 years' post-graduate experience. He graduated with an honour's degree in Geology (1991) and has since earned a post graduate diploma in Computing (UCC, 1992) and a Masters in Hydrogeology (UCL, 1993). He has extensive experience of ground contamination assessment and remediation for both public and private sector clients involving environmental due diligence, pre-construction site investigation, EIAR, contaminated land remediation and construction phase soil waste management.</p>
<p>Name: Emma Greenlees Title: Associate Director, AECOM</p> <p>Qualifications: BEng (Hons) CILHT MCIHT</p>	<p>Emma Greenlees is an Associate Director and Transport Development Planning Project Manager, responsible for the project management of projects throughout Northern Ireland. She is a Chartered Transport Planner with over 24 years' of experience in consultancy. She has been responsible for the transport planning inputs in support of the planning applications for a wide range of development types for both public and private sector clients. Experience includes Transport Assessment Forms, Transport Assessments, Service Management Plans, Parking Statements, Travel Plans, Access/Highway Improvement Design and transport inputs into Environmental Statements / Environmental Impact Assessments.</p>

TEAM MEMBER	BIOGRAPHY
<p>Name: Alison Couley Title: Associate Director Process Safety, AECOM</p> <p>Qualifications: BEng (Hons) Chemical Engineering with Energy Resource Engineering</p>	<p>Alison Couley has over 26 years' experience in Process Engineering and Process Safety Consultancy and is a Chartered Chemical Engineer (CEng) and Member of the Institution of Chemical Engineers (MIChemE). Alison has worked on the process engineering design and operation of facilities within the chemicals, power, upstream and downstream oil and gas processing industries. Since 1999, Alison has worked as a Process Safety consultant and has been responsible for facilitating numerous hazard identification and risk assessment studies for clients including Upper and Lower Tier COMAH Installations, which require detailed assessment of safety and environmental hazards. This experience and knowledge is directly applicable to the identification of major accidents and disasters within this EIAR chapter.</p>