

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 Ireland Limited on behalf of Bord na Móna Powergen Limited.
- 1.1.3 Table 1.1 includes the relevant company, as well as their respective inputs to the EIAR.

**Table 1.1: Technical Team – EIAR Chapter Production**

CHAPTER NO.	CHAPTER TITLE	COMPANY NAME	TEAM MEMBER
NTS	NTS	AECOM	Peter O'Connor
Chapter 1	Introduction	AECOM	Peter O'Connor Janette Simpson
Chapter 2	Planning Policy	AECOM	Ed Barrett Sean Breslin
Chapter 3	Need and Alternatives	AECOM	Peter O'Connor Janette Simpson
Chapter 4	Existing Site and Conditions	AECOM	Peter O'Connor Janette Simpson
Chapter 5	Proposed Development	AECOM	Peter O'Connor Janette Simpson
Chapter 6	Consultation	AECOM	Peter O'Connor
Chapter 7	Air Quality	AECOM	Danny Duce
Chapter 8	Cultural Heritage	AECOM	David Kilner
Chapter 9	Biodiversity	AECOM	Paul Lynas
Chapter 10	Landscape and Visual	AECOM	Joerg Schulz
Chapter 11	Noise and Vibration	AECOM	Alex Southern
Chapter 12	Water Environment	AECOM	Darragh Reilly
Chapter 13	Soils and Geology	AECOM	Kevin Forde
Chapter 14	Traffic	AECOM	Emma Greenlees
Chapter 15	Population and Human Health	AECOM	Aldona Binchy
Chapter 16	Material Assets	AECOM	Rebecca Dunlea
Chapter 17	Major Accidents and Disasters	AECOM	Alex Freeman
Chapter 18	Climate	AECOM	Ian Davies
Chapter 19	Cumulative Effects and Interactions	AECOM	Rebecca Dunlea
Chapter 20	Schedule of Environmental Commitments	AECOM	Rebecca Dunlea

- 1.1.4 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: Assessment Team

TEAM MEMBER	BIOGRAPHY
<p><b>Peter O'Connor</b> 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 Ireland, Northern 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><b>Danny Duce</b> Associate Director, AECOM</p> <p>Qualifications: MSc, BSc (Hons), MIAQM, MIEnvSc, 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 &amp; Management</p>
<p><b>David Kilner</b> Principal Archaeological Consultant</p> <p>Qualifications: BA (Hons), PG Dip, MSc, MIAI</p>	<p>David is an Archaeological Consultant responsible for Cultural Heritage input into Environmental Statements 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>

TEAM MEMBER	BIOGRAPHY
<p><b>Paul Lynas</b> Associate Director Ecology, 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><b>Aldona Binchy</b> Associate Director, AECOM</p> <p>Qualifications: MSc Eng PIEMA Environmental Engineering</p>	<p>Aldona is an Associate Director with 19 years of commercial experience in the environmental sector for both public and private sector clients. She is a Project Manager, experienced in EIA and an environmental permitting practitioner within a wide range of complex commissions including mining and minerals, infrastructure, energy including renewable energy.</p> <p>She is an Institute of Environmental Management and Assessment (IEMA) Environmental Practitioner. She has been responsible for management and production of various documents within EIARs, Environmental Audits, Reviews and Due Diligence; Environmental Risk Assessments (including marine environment); Environmental Management Systems design and implementation.</p> <p>Aldona has experience in hydro-chemical/ geochemical and contaminated land investigations and remediation, IE/IPC permit applications, environmental noise and air quality assessments, and environmental baseline surveys</p>
<p><b>Joerg Schulz</b> Associate Director Landscape, AECOM</p> <p>Qualifications: Dipl. – Ing. (FH) LA, MILI</p>	<p>Joerg Schulze has over 18 years' professional experience working for clients in the private and public sectors. He has a comprehensive track record in developing and managing landscape and visual impact assessments of large industrial, 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 applications for road schemes and EIA processes. He has prepared residential visual impact assessments, manages the production of photomontages and the preparation of zones of theoretical visibility and theoretical visual intensity mapping.</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>

TEAM MEMBER	BIOGRAPHY
<p><b>Alex Southern</b> Principal Acoustic Consultant, AECOM</p> <p>Qualifications: BSc (Hons) MSc, PhD MIOA</p>	<p>Alex Southern has over 15 years of experience working in acoustics research and consultancy. He joined AECOM in 2012 and has built a wealth of experience in assessing industrial, commercial and residential developments. Alex has experience in a wide range of acoustics reach and consultancy, including measuring, predicting, modelling and assessing emissions from various industrial facilities including within the power and renewables sector. Alex was awarded the Institute of Acoustic young person's award for innovation and lead AECOM Auralisation capability, technology allowing stakeholders to hear a development before it is finished.</p>
<p><b>Darragh Reilly</b> Principal Hydrogeologist AECOM</p> <p>Qualifications: BSc (Hons), Msc, FGS</p>	<p>Darragh is a Principal Hydrogeologist with over ten years' experience in this field. Darragh has undertaken numerous Environment Impact Assessment (EIA) and Baseline reports (water environment chapter) for infrastructure projects throughout the UK and Ireland. Darragh has also provides hydrogeological support for the investigative works to increase the supply to Uisce Eireann. Works have included drilling supervision, pumping test supervision, pump lift supervision, CCTV and geophysical surveys, borehole remediation, Hydrogeological Risk Assessments, analysis and reporting. Additional works have included Water Feature Survey's and source protection assessments in a highly fractured and often karstified geological setting.</p>
<p><b>Aoife Harte</b> Senior Engineer, AECOM</p> <p>Qualifications: BSc (Hons) ES, BSc Eng</p>	<p>Aoife Harte has over 7 years of experience working in the flood risk and water-based assets sector. She has led on assessment management projects and flood risk and environmental project management work. Aoife has gained considerable experience in a number of areas, including Flood Risk Assessments, Climate Change Assessments and project management.</p>
<p><b>Kevin Forde</b> Associate Director Hydrogeologist AECOM</p> <p>Qualifications: BSc (Hons), Dip Comp Sci, MSc Hydrogeology.</p>	<p>Kevin has more than 28 years of professional experience in this field. Kevin is a Project Director for site investigations, sampling programmes and geo-environmental assessments with regards to impacts of industrial developments on groundwater, soil and bedrock. He specialises in environmental site assessments in relation to soil, bedrock and groundwater contamination by a variety of organic and inorganic contaminants. Kevin has extensive experience of ground contamination assessment and remediation for both public and private sector clients in Ireland involving environmental due diligence, pre-construction site investigation, EIAR inputs, contaminated land remediation and construction phase soil waste management.</p>
<p><b>Emma Greenlees</b> 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><b>Janette Simpson</b> Principal Consultant, AECOM</p> <p>Qualifications: BA (Hons) Environmental Geoscience MSc Environmental Engineering</p>	<p>Jannete is a Principal EIA Consultant in the AECOM Environment and Sustainability Team. Jannete has ten years experiences in the environmental sector. She has experience coordinating and managing multi-disciplinary teams across all stages of the EIA process, Screening, Scoping and Environmental Impact Assessment Reports (EIAR).</p>
<p><b>Rebecca Dunlea</b> Principal EIA Consultant, AECOM</p> <p>Qualifications: BA (Hons), MA, MSc (Sustainability)</p>	<p>Rebecca is a Principal EIA Consultant in the AECOM Environment and Sustainability Team. Rebecca has eight years experiences in the environmental sector. She has experience coordinating and managing multi-disciplinary teams across all stages of the EIA process, Screening, Scoping and Environmental Impact Assessment Reports (EIAR). Rebecca has experience in a wide range of projects for both public and private sectors, including power, pipelines, SHD's, industrial and road infrastructure. Rebecca also has experience in all stages of the SEA process.</p>
<p><b>Alex Freeman</b> Associate Director Environmental Permitting and Process Safety AECOM</p> <p>Qualifications: Ph.D Env. Geochemistry, BSc (Hons) Env. Biogeochemistry</p>	<p>Alex Freeman is an Associate Director within AECOM's Permitting and Process Safety Team. He has over 21 years consultancy experience in various disciplines including soil and groundwater assessment and remediation, environmental compliance and due diligence auditing, environmental permitting and process safety studies. He has been involving in preparing chapters for numerous EIAs, EIARs and DCOs for power and industrial developments across the UK and Ireland. He has experience undertaking Hazardous Substances Consents application, HAZID and HAZOP, COMAH Safety Reports and DSEAR risk assessment reviews, as well as all aspects of Environmental Permitting, including permits applications, Site Condition Reports, and permit surrenders.</p>
<p><b>Ian Davies</b> Technical Director, AECOM</p> <p>Qualifications: BA (Hons)</p>	<p>Ian Davies has over 15 years' professional experience in the management and delivery of greenhouse gas and climate change assessments across the UK and Ireland. He has led the climate impact and mitigation strategy assessment studies for inclusion in EIA and ESIA on a range of climate impact assessments for large scale infrastructure projects, industrial and residential development.</p>
<p><b>Ed Barrett</b> Director, Gravis Planning</p> <p>Qualifications: BA (Hons), MSc URP, MIPI, MRTPI</p>	<p>Ed is a Director of Gravis Planning and is a Chartered Town Planner (MIPI, MRTPI) with over 17 years of experience managing development projects of all scales throughout the Republic of Ireland and the UK. He is highly experienced in managing projects through both local authority and An Bord Pleanála statutory processes, and has advised on a wide range of complex, large-scale EIA development projects including airport development, energy generation and transmission infrastructure and brownfield redevelopment proposals.</p>
<p><b>Sean Breslin</b> Senior Planning Consultant, Gravis Planning</p> <p>Qualifications: BA, MSc (Hons), MRTPI</p>	<p>Sean is a Senior Consultant at Gravis Planning and is a Chartered Town Planner (MRTPI) with experience in managing development projects of all scales throughout the Republic of Ireland and the UK. He has over seven years' of professional experience managing projects through both UK and Irish planning systems, and has worked on a range of complex, large-scale development projects including energy generation and transmission infrastructure.</p>