

**FANELLAN HUB 400 KV SUBSTATION AND CONVERTER
STATION
ENVIRONMENTAL IMPACT ASSESSMENT REPORT
VOLUME 4 | TECHNICAL APPENDICES**

APPENDIX 1.1 – EIA TEAM

FEBRUARY 2025



Team member	Role (EIA Chapter(s))	Expertise	Qualifications
Rachel McEvan	EIA Project Director (non-specialist EIA chapters)	Environmental specialist with over 22 years' experience in the delivery of Environmental Impact Assessment (EIA) - providing expert advice, support, analysis and recommendations to support the successful design, operation and maintenance of infrastructure projects, including overhead transmission lines, electricity substations and windfarms. Rachel has expert witness expertise and has helped develop approaches and undertaken consultations that have avoided the need for formal public inquiry.	BSc (Hons) Environmental Studies MSc Environmental Rehabilitation Chartered Environmentalist
Sara Jarrett	EIA Project Manager (non-specialist EIA chapters)	Environmental specialist with over 16 years of consultancy experience in EIA, socioeconomics, and research with a focus on large scale energy infrastructure projects. Sara is an experienced project manager and has worked on projects at the local, national and international level.	BA (hons) Political Science
Theo Barker	EIA Project Assistant (non-specialist EIA chapters)	Assistant Environmental Consultant with 1.5 years' experience in delivery of EIA, Construction Environmental Management Plans, Code of Construction Practices, and other Environmental Deliverables including Constraints Reports. Theo has worked as a Project Manager on local level schemes.	BA (Hons) Geography MSc Sustainability and Management Associate Member of IEMA
Katy Mayhew	Landscape and Visual, Associate Director (Volume 2, Chapter 8: Landscape and Visual Impact)	A Chartered Landscape Architect with over 18 years' experience in the delivery of Landscape & Visual Impact Assessment (LVIA) - providing expert advice, QA, review, and support, to help realise the successful design and implementation of landscape projects, including overhead transmission lines, railways, and highways schemes. Katy has extensive experience in DCO schemes, undertaking consultation to help avoid the need for formal public inquiry, and providing representation for a range of local authorities and developers.	BA (Hons) Geography PGDipLA Landscape Architecture MA Landscape Architecture Chartered Member of the Landscape Institute (MLI)
Sophie Lewis	Landscape and Visual, Principal (Volume 2, Chapter 8: Landscape and Visual Impact)	Principal landscape architect with more than 10 years of experience working on a wide range of high-profile projects in the UK. Sophie possesses technical competence within public and private sectors and has broad knowledge in landscape projects varying in scale - from DCO applications for utilities, highways, rail, large scale residential and commercial development, planting and wetland mitigation design for large scale infrastructure.	MA, Master in Landscape Architecture, Manchester Metropolitan University BA Hons, Landscape Architecture, Manchester Metropolitan University

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			Chartered Member of the Landscape Institute (CMLI)
Troy Paterson	Biodiversity Lead (Volume 2, Chapter 9: Ecology, Nature Conservation and Ornithology)	Principal ecologist with over nine years in ecological consultancy and over nineteen years' experience in the survey and management of ecology and landscape projects across Scotland. Troy is also a licensed bat and great crested newt worker. Troy has valuable consultancy experience in a diverse range of habitat and protected species surveys and assessments, including: Ecological Impact Assessment (EclA); Biodiversity Net Gain (BNG); Preliminary Ecological Appraisal (PEA); UK Habitat Classification (UKHab) and Extended Phase 1 habitat surveys; protected species survey and mitigation; BREEAM assessment; NatureScot protected species licence applications and protection plans; and Ecological Clerk of Works (ECoW) site monitoring.	Full Member of the Chartered Institute of Ecology and Environmental Management (CIEEM) Diploma in Ecology Eng H.N.D. in Electronic and Electrical Engineering
Graham Sparshott	Ornithology Lead (Volume 2, Chapter 9 Ornithology)	Principal ornithologist specialising in planning and executing bird surveys with over 30 years' experience in ornithology. Graham has worked within the ecology and environmental consultancy sector since 2009. During this time, he has planned and undertaken bird surveys, managed data, and produced ornithological technical reports, EIA chapters and HRA screenings for numerous wind farm projects, power line developments. Associate Member of CIEEM.	BTec National Diploma in Rural Studies
Kevin Paton	Cultural Heritage and Archaeology Lead (Volume 2, Chapter 10: Cultural Heritage)	Over 16 years' experience as a heritage professional advising on and undertaking mitigation against archaeological and heritage issues. Experience includes production of Cultural Heritage EIA report chapters for infrastructure projects including electrical infrastructure, gas pipelines, highways and cycle routes. Kevin has experience in providing expert witness testimony in public inquiries and often develops technical guidance notes to clients on various aspects of cultural heritage assessment and mitigation.	BA (Hons), MA (Hons), Member (MCIfA) accreditation Chartered Institute of Archaeologists
Paul White	Traffic and Transport Lead (Volume 2, Chapter 11: Traffic and Transport)	Chartered Engineer (CEng), and Chartered Transport Planning Professional (CTPP) with over 30 years' experience in the delivery of Transport Assessments, Transport Chapters for EIA's, Construction Traffic Management Plans and Abnormal Load Route Assessments - providing expert advice, support, analysis,	

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		including overhead transmission lines, electricity substations and windfarms. Paul has also acted as expert witness expertise for a number of call-in Inquiries, including a wind farm development near Lockerbie.	
Sophie Christie	Traffic and Transport Consultant (Volume 2, Chapter 11: Traffic and Transport)	A Transport Planner with 2.5 years of experience undertaking and advising on mitigation against impacts due to increases in traffic. She has undertaken many construction projects in Scotland, Wales, and England for a range of infrastructure works including gas, water, ammonia and electrical networks for renewables.	MA (Hons) Geography, Society and Environment, Member of the Transport Planning Society.
Phil Jenn	Hydrology, Hydrogeology, Geology and Soils Lead (Volume 2, Chapter 12: Hydrology, Hydrogeology, Geology and Soils)	A Principal Environmental Consultant with 12 years' experience working on and leading a broad range of land and water projects within the WSP Water Environment Team. Phil's experience has predominantly been associated with EIA related work for road schemes, wind farm applications and other energy consents projects, focussed on hydrology, water quality, soils and peat, and other energy projects.	BSc (Hons) Environmental Science MSc Environmental Informatics MCIWEM
Finn Hope	Hydrology, Hydrogeology, Geology and Soils Consultant (Volume 2, Chapter 12: Hydrology, Hydrogeology, Geology and Soils)	A Graduate Environmental Consultant with 1.5 years' experience working within the WSP Water Environment Team. Finn has been predominantly involved in EIA related work for energy projects focussing on hydrology, water supplies, soils and peat. He has experience in producing desk-based baseline assessments and undertaking site visits.	BSc (Hons) Geography
Dan Harris	Forestry Lead, Principal Consultant (Volume 2, Chapter 14: Forestry)	Dan has over 10 years of experience in forestry and arboriculture and has been involved in several EIAs for energy projects in Scotland and the rest of the UK. He has experience in forestry and environmental consulting	BSc (Hons) Environmental Management, Level 6 Diploma Arboriculture, Chartered with Institute of Chartered Foresters
Sarah MacDonald-Smart	Biodiversity Net Gain (BNG) Lead	Sarah has 9 years experience as an ecological consultant and 3 years experience of Biodiversity Net Gain.	BSc Zoology Associate member of Chartered Institute of Ecology and Environmental Management.
Amy Carroll	Project Director, Socio	15+ years experience, including eight years working in central government. Amy is a	MSc Economics & Public Policy

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	Economics, Tourism and Recreation	specialist in economic appraisal and impact assessment, particularly the wider benefits of transport infrastructure investment.	MA (Hons) Economics Society of Professional Economists Member of the Institute of Economic Development (MIED) Government Economic Service (2008-2016)
Catrina Fieldhouse	Led, Socio Economics, Tourism and Recreation	A chartered engineer with 7+ years experience with a background in low-carbon technology, urban decarbonisation, and climate risk consulting, Catrina is dedicated to delivering energy-efficient, low-carbon solutions. Her work ensures that the economic and social benefits of these solutions are realised by clients, end-users, and the wider community	MEng Mechanical Engineering Member (CEng) Chartered Institution of Mechanical Engineering
Ben Turner	Specialist - Socio Economics, Tourism and Recreation	5+ years experience senior economist has worked collaboratively in multi-disciplinary teams with economists, town planners, transport planners and environment and sustainability consultants to add value to public sector projects. His specialisms lie in theoretical logic mapping, economic appraisals, economic modelling, statistical analysis and business case development.	BSc Economics Member of the Society of Professional Economists (SPE) Member of the Institute for Economic Development (MIED)
Clare Elser	Specialist - Socio Economics, Tourism and Recreation	Senior geospatial consultant with 10+years experiences providing GIS and digital solutions to major infrastructure, planning, research and energy projects.	BSc (Hons) Environmental Management Fellowship with of the Royal Geographical Society
Liv Wright	Analyst - Socio Economics, Tourism and Recreation	Graduate Economic Planning Consultant with experience in evaluation, economic appraisal, and socio-economic impact assessments.	BSc (Hons) Economics MPhil in Planning, Growth and Regeneration Member of the Institute of Economic Development Member of the Society of Professional Economists
Emily Storch	Analyst - Socio Economics, Tourism and Recreation	Emily is a passionate Graduate Transport Planner and Air Quality Consultant, who seeks the best environmental solutions for her clients through her detail driven approach and by working dynamically across disciplines. Emily has experience in Active Travel, Masterplanning and Environmental Impact Assessments (EIA).	BSc Geography MSc Environmental Governance

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Chris Halliday	Analyst - Socio Economics, Tourism and Recreation	With 4+ years experience Chris is an experienced Geospatial Consultant with expertise in renewable energy, urban heat, net-zero carbon planning, infrastructure, and transport. With a focus on geospatial analytics, data science, earth observation and cartography	Bsc Environmental Management Msc Geographical Information Science
Fergus McLean	Author – Noise and Vibration	Fergus McLean is a Senior Engineer with 4 years' experience in Noise and Vibration consultancy. Fergus has conducted several environmental noise and vibration impact assessments associated with electrical infrastructure such as overhead lines and substations. Experience includes noise surveying, modelling, and prediction for inputs to EIA chapters while conducting assessments according to standards and guidance such as BS 4142, BS 5228, BS 8233, and TGN(E)322.	MEng Electrical and Mechanical Engineering with International Study
Harry Matthews	Reviewer – Noise and Vibration	Harry Matthews is a Senior Noise Consultant with 8 years' experience and an Associate Member of the Institute of Acoustics (AMIOA). Harry is a specialist in the environmental noise impacts of electrical infrastructure projects including substation, overhead line, and renewables projects. Experience includes conducting noise impact assessments, noise modelling and prediction for inclusion within the EIA process while implementing standards and guidance including ETSU-R97 and IOA Good Practice Guides, BS4142, BS5228. In addition, Harry has extensive experience in specialist noise and vibration measurements and surveying, including the specification of noise control measures.	BSc (Hons) Music Technology Diploma in Acoustics and Noise Control (IOA)
Eric Donnelly	Reviewer – noise and vibration	Eric Donnelly is a noise and vibration specialist with 26 years' experience of the noise and vibration impacts associated with power & energy and a Member of the Institute of Acoustics (MIOA). As a technical lead, Eric has delivered specialist input for a variety of power and energy projects in the UK and around the world. Eric manages the resourcing, and quality of technical outputs.	BEng Hons Manufacturing Engineering Corporate Member Institute of Acoustics (IOA)