

Appendix 1D

List of Competent Experts

Competent experts involved in the preparation of this ES are listed in the table below.

Individual	Name of Company	Qualifications	Relevant Experience	Contribution to Environmental Statement
Alistair Billington Technical Director	Wood	MIEMA BSc Geography MSc Environmental Assessment and Management	<p>Alistair is a Technical Director with 27 years of consultancy experience gained within the UK and EMEA. During this time he has gained extensive experience from leading and managing teams of technical experts on complex, high-profile EIA projects across a variety of sectors through all the major consenting routes.</p> <p>Alistair is a highly experienced environmental impact assessment practitioner and contributes to the development of best practice and technical excellence in this discipline. He provides expert advice on EIA and application strategy has a proven ability to engage effectively with internal and external project stakeholders, including engineers, planners, legal advisors, and statutory consultees.</p>	EIA Project Director Overseeing, reviewing, and approving
Katie Lidington Principal Consultant	Wood	CEnv MIEMA Affiliate Member of the Royal Town Planning Institute BSc (Hons) Geography	<p>Katie is a Chartered Environmentalist and Full Member of the Institute of Environmental Management and Assessment. She has 12 years of experience in EIA across a variety of sectors including transport, water, and mixed-use development.</p> <p>Katie's experience includes infrastructure planning, EIA, project management and co-ordination.</p>	EIA Project Manager Co-ordinating, overseeing, and reviewing
Rob Rand Consultant	Wood	PIEMA MSc Environmental Biology: Conservation and Resource Management BSc Marine Biology	<p>Rob is an EIA consultant with four years' of consultancy experience and a Practitioner of the Institute of Environmental Management and Assessment. The projects he has worked on span a wide variety of sectors (offshore wind, ports, coastal projects, aviation, nuclear, commercial, residential, and transport) covering all air, marine, and terrestrial realms.</p>	EIA Project Manager Co-ordinating, overseeing, reviewing, and author of Chapters 1, 2, 3, 4, 5, 13, and Non-Technical Summary
Martin Pierce Principle consultant	Wood	BSc (Hons), Mathematics with Astronomy MSc Nonlinear Mathematics	<p>Martin has performed many assessments of air quality and greenhouse gas emissions around major airports over the last 20 years. Some of these are aimed at allowing the airport operator to understand its current impacts, help inform the local community</p>	Author of Chapter 6: Air quality

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			under Section 106 agreements, and develop action plans; others are to assess the impacts of proposed developments ranging from a new heating plant, a reconfiguration of the airfield, or new terminals and runways. Still others provide a strategic comparison of the effects of different aviation expansion options across a range of airports.	
Chris Harris Associate Director	Wood	BSc Marine Geography MSc Climate Change PhD Civil Engineering	Christopher Harris is a specialist with 10 years of experience in climate change adaptation, the resilience of infrastructure systems, climate change mitigation, sustainability, and Greenhouse Gas (GHG) assessment. He has experience of developing some of the largest infrastructure projects and operators in the UK. He is a Key Specialty Lead for Sustainable Infrastructure in the global Wood business. He is a member of the BSI Greenhouse Gas management and related activities group of experts. Christopher has experience in the use of PAS 2080 – Carbon Management in Infrastructure, amongst other GHG emissions standards, and continues to serve as a peer reviewer for two academic journals focussing on climate change.	Author of Chapter 7: Climate change
Salim Vohra	Health by Design	PhD Public Health and Policy MSc Environmental Epidemiology and Policy MBChB (Bachelor of Medicine, Bachelor of Surgery)	Salim has over 25 years of experience in public health and over 15 years of experience in health impact assessment. During this time he has led, and been a team member of EIA teams within a variety of sectors including, housing, infrastructure, industrial, and policy development projects in the UK and internationally.	Author of Chapter 8: Human health
Filipe Silva	Health by Design	MSc Public Health, UK MD (Degree in Medicine), Portugal	Filipe has over 10 years of experience in public health and over 5 years of experience in health impact assessment of being a team member of, and leading, housing, infrastructure and industrial projects and policies in the UK and internationally.	Author of Chapter 8: Human health
Mark Evans Principal Consultant	Wood	Member of the Institute of Acoustics Diploma in Acoustics and Noise Control MSc Environmental Management	Mark has over 14 years of experience a large variety of noise and vibration assessments. He has vast experience with assessments on aviation projects, large scale infrastructure projects, port developments, highways and rail schemes, and mixed-use developments. He has worked on multiple high-profile projects in the UK (Heathrow Expansion, HS2) and abroad (South Caucus pipeline extension, Yanpet Industrial City petrochemical area expansion).	Author of Chapter 9: Noise

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David Charles Partner	Bickerdike Allen Partners	Member of the Institute of Acoustics BSc (Hons) Mathematics Post-graduate Diploma in Environmental Acoustics	David has over 25 years of experience in acoustics and specialises in aircraft noise. He has significant experience with assessments on aviation projects and other large-scale infrastructure projects. He has been involved with noise modelling on many projects including for the Airports Commission, major planning applications, and the regular noise mapping required by EU directive. He has also been involved with the noise modelling at Luton Airport for over 10 years.	Undertaken noise modelling
Duncan Rogers Acoustic Consultant	Bickerdike Allen Partners	Associate Member of the Institute of Acoustics BSc (Hons) Mathematics and Physics	Duncan has 6 years of experience in a large variety of noise and vibration assessments and specialises in aircraft noise modelling and assessment. He has worked on many major airport projects, including for the Airports Commission, and major planning applications for London City Airport and Dublin Airport. He has also been involved with the noise modelling at Luton Airport for several years.	Undertaken noise modelling
Monika Crouse Technical Director	Wood	Member of Chartered Institute of Highways and Transportation Chartered Member of Institute of Logistics and Transport MA Spanish and South American Studies	Monika is a Transport Planner with over 14 years of experience in transport assessments as part of the EIA process, junction and network reviews and improvements, as well as transport modelling. During her career she has acted as a Technical Lead, Project Manager, and Project Director on multiple high-profile projects in the UK and abroad, strategically overseeing, monitoring and managing teams delivering projects for clients as diverse as Transport for London, London Boroughs, and the World Bank.	Author of Chapter 10: Transport