



***EASTERLY ALTERNATION  
INFRASTRUCTURE PROJECT***

***Environmental Impact Assessment  
Environmental Statement, Volume III  
Appendix 1.3: Easterly Alternation Infrastructure Project  
Team and Statement of Competencies***

***Document Reference: 19309-XX-EC-XXX-000022***

***October 2024***

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Discipline / Company	Expertise
<p><b>EIA Project Director</b> <b>(Logika)</b></p>	<p>The Environmental Impact Assessment (EIA) Project Director (BSc, CMIEEM, CEnv) is an environmental consultant with more than 26 years' experience. They are a specialist in the environmental impacts of aviation activities having worked on many aviation projects, and with experience in the UK, Europe, Africa and the Middle East. They were engaged to provide environmental support to the development of Heathrow Airport's expansion proposals including contributing significantly to the evidence provided to the Airports Commission and leading the team engaged to produce the EIA to support the consenting application for a third runway.</p> <p>They were also the Project Director for the EIA associated with the ending of the Cranford Agreement (as was consented in 2016) at the Airport and provided written evidence to the Public Inquiry. They were also the Director responsible for the EIA that formed part of the Development Consent Order (DCO) application for reopening Manston Airport in Kent.</p> <p>Outside of the UK, the technical lead performed the role of Environmental Director for the expansion works at Jomo Kenyatta International Airport in Kenya and completed a special advisory role for the New Lisbon Airport EIA. They also provided expert advice to countries in Eastern Europe and West Asia as they sought to bring in environmental legislation to regulate the impacts of aviation activities. They are currently providing environmental assessment support to Ireland's Aircraft Noise Competent Authority as they seek to ensure appropriate management of noise at Dublin Airport and similar support to the UK's Civil Aviation Authority (CAA) to support their new airspace masterplan.</p>
<p><b>EIA Project Manager</b> <b>(WSP)</b></p>	<p>The EIA Project Manager (BSc, MSc) is an environmental consultant with 20 years' experience. They specialise in managing EIAs for major projects, but particularly within the aviation sector. They provided EIA project management services for the development of Heathrow Airport's expansion proposals including contributing to the evidence provided to the Airports Commission. They also acted as the Project Manager for the EIA associated with the ending of the Cranford Agreement (as was consented in 2016).</p>
<p><b>People and Communities and Equality</b> <b>(WSP)</b></p>	<p>The technical lead (BA, MA Cantab) has over 25 years' experience providing policy, economics and financial advice across the public and private sectors, with a focus on regulated industries, infrastructure and development. They have a substantial track record of socio-economic assessment in the UK and overseas and provides technical authority in framing issues relevant to people and communities in their economic, social and environmental settings.</p> <p>In the aviation sector, they provided chapters for Environmental Statements for the re-opening of Manston Airport in Kent and the proposed expansion of Bristol Airport. They are currently leading work in the UK nuclear and offshore wind sector and have provided studies and expert review for significant commercial developments across London and the South East and major housing developments in the Midlands. The technical lead has a degree in aerodynamics and noise and previously worked at British Aerospace as a design engineer.</p>



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<p><b>Health (RPS)</b></p>	<p>The Health lead is an international expert and leads a Health and Social Impact team, including collaborating closely with other teams across RPS. They work across the fields of public health, environmental science and impact assessment with a strong academic, legal and project management background. The Health lead works across the private and the public sector, including to provide health input into for aviation expansions in the UK. They advise Government and professional bodies on good practice.</p> <p>They have worked on many large scale and major infrastructure projects with a background of Health Impact Assessments, inputs to master planning, Environmental Impact Assessments and Strategic Environmental Assessments.</p>
<p><b>Landscape and Visual Impact Assessment (WSP)</b></p>	<p>The Landscape and Visual Impact Assessment (LVIA) technical lead is a chartered landscape architect with over 18 years' experience in private practice. They have worked on many large scale and major infrastructure projects, providing complete LVIA / Strategic LVIA services through the planning and development process (Nationally Significant Infrastructure Projects (NSIPs), Section 36 and Planning Act applications), working on numerous renewable energy developments such as onshore and offshore wind, solar and battery storage, power generation, distribution, and utilities. Their insight and abilities to negotiate with consultees and understand interrelated aspects of the consent process has undoubtedly contributed to successful consents.</p> <p>Their experience has been gained across a range of developments from small to large scale across a number of sectors, including power generation / renewable energy, distribution and utilities, and major infrastructure projects such as airport expansion, nuclear power stations and rail corridors.</p> <p>The technical lead also possesses wide ranging experience in landscape, visual and cumulative design, and assessment. In particular they have been able to lead EIA design teams where landscape issues dictate that approach, resolving site constraints and realising opportunities. Addressing landscape capacity studies and landscape related planning policy in their approach to design.</p> <p>They have also led and undertaken numerous LVIAs, including landscape character assessments, landscape appraisals, landscape management plans, providing Public Inquiry support and peer reviews for a suite of developments including on and offshore wind farms, solar farms, nuclear power stations, linear developments, stadiums, and residential and mixed-use developments.</p>
<p><b>Biodiversity (WSP)</b></p>	<p>The biodiversity technical lead has over 14 years' consultancy experience in ornithology and ecology. They have managed and contributed ecological support to a number of major developments and DCO projects including Heathrow Expansion, Hinkley Point C Nuclear Power Station and Developments of National Significance in Wales including two major windfarm sites in Blaenau Gwent and Rhondda Cynon Taff.</p> <p>Starting in 2017, they acted as task leader for ornithology surveys as part of the program of biodiversity surveys that were completed to feed into the Scoping and Preliminary Environmental Information Report (PEIR) for the proposed development of a third runway at Heathrow. Surveys included the collation of large amounts of data relating to breeding birds (including barn owl and kingfisher) and non-breeding birds using the nearby Southwest London Waterbodies Special Protection Area.</p> <p>They contributed to the preparation of a Habitats Regulations Assessment (HRA) report that considered the potential for impacts on this site and other nearby European</p>

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	<p>Sites. They are also a member of the EIA management team, working with other disciplines (such as construction and utilities) to prepare designs of green infrastructure, create outline working schedules and identify ecological risks to the project.</p> <p>They have also gained significant experience of delivering Biodiversity Net Gain assessments through a number of projects including housing developments, utilities projects and strategic biodiversity planning for major landowners including the Ministry of Defence and Welsh Water.</p>
<p><b>Arboriculture (WSP)</b></p>	<p>The arboricultural impact assessment lead has 33 years of experience working within Arboriculture and Horticulture within the private sector in both contracting and consultancy. They have experience in managing and delivering environmental arboricultural reports for large scale infrastructure projects across the highways, rail, utility and environmental sectors throughout the United Kingdom. Other experience extends to tree asset management, health &amp; safety tree condition assessment, tree related subsidence, tree planting and establishment, and forestry windthrow assessment.</p>
<p><b>Historic Environment (WSP)</b></p>	<p>The historic environment technical lead (BA (Hons) MCIfA) has 32 years of experience working in the UK historic environment sector, joining WSP in 1998 and having previously worked as a field archaeologist and researcher in South Yorkshire and the Midlands. They have a lead role within the historic environment team and are also responsible for the provision of historic environment advice and services, including the completion of desk-based assessments, EIA input, liaison with local authorities and heritage bodies, management of surveys and field investigations and mitigation design for a wide range of developments throughout the UK.</p> <p>They have managed historic environment input to EIAs for a wide variety of developments in the residential, minerals, water, transport and commercial sectors and has considerable experience in the assessment of liaison with local authorities, mitigation design and the assessment of environmental effects. The technical lead also manages field projects via the scoping of works, tender management and appointment of contractors and has also prepared both internal/external guidance on archaeology and related issues. They have also prepared and presented evidence at public enquiries.</p>
<p><b>Carbon and Climate Change (WSP)</b></p>	<p>The technical lead is an Energy Engineer specialising in energy transition and low/zero carbon energy generation. They were accredited under the Carbon Trust's consultant programme and has over 15 years of experience in all aspects of greenhouse gas reporting at corporate and project levels.</p> <p>They have a working knowledge of climate change and environmental legislation and regulation at national, European and global levels. They provide technical advice to a range of multi-sector clients regarding environmental compliance and facility lifecycle resource efficiency.</p> <p>As an internal key speciality lead in net zero and decarbonisation, they support scenario and policy landscaping appraisals of the changing built environment at regional and national level.</p>
<p><b>Noise (Logika)</b></p>	<p>The noise technical lead (BSc (Hons), MIOA, CEnv) is recognised as a leading figure in aviation noise management an assessment with over 20 years' experience. They have experience of working on major airport infrastructure projects, including key roles on new runway development and airspace changes at London Heathrow. They</p>

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	<p>have also supported regulators and Government departments in research work to understand the impacts of aircraft noise and develop noise management policies.</p> <p>They have undertaken numerous environmental impact assessments for multiple airport development projects through the Town and Country Planning Act and through DCOs. They have also been appointed as the noise lead for numerous airspace change projects at UK and international airports.</p> <p>They have managed and directed the delivery of airport noise mapping and action planning projects in the UK and in Europe. More broadly they have held key expert advisor roles on airport noise projects for European Commission and Department for Transport.</p>
<p><b>Flood Risk (Logika)</b></p>	<p>The flood risk technical lead (BA Hons, MCIWEM) is an environmental consultant with 16 years of experience. They have worked on a wide variety of projects which have included hydrological and hydraulic modelling, flood resistant and resilient design, river restoration and due diligence, as well as detailed surface water drainage design and Sustainable Drainage Systems (SuDS).</p> <p>They have led and developed many complex solutions to meet the needs of the scheme both from a flood risk and drainage perspective, in order to enable development, and have experience of retrofitting SuDS within existing established sites. They have significant experience of working on airfields having undertaken the Hydrology and Hydrogeology work with regards to Cambridge Radar Relocation, flood risk assessment and drainage assessments for both London Southend Airport and Teesside Airport, and involvement in Cranfield Airport. They are also actively working on and leading the water elements for Heathrow Easterly Alternation.</p>
<p><b>Air Quality (Logika)</b></p>	<p>The air quality technical lead (BSc (Hons) MSc CEnv MEnvSc MIAQM) has over 25 years' experience in environmental consulting with multi-sector EIA experience and technical expertise in air quality and emissions management, emissions quantification, ambient air quality monitoring and impact assessment. Their work has included the provision of air quality advice and the delivery of impact assessments for UK and international developments including airports, road, rail, power stations, energy from waste, mining and other major regeneration schemes.</p> <p>They have contributed to the air quality components of major Environmental Statements for airports including Heathrow, Gatwick and Stansted in the UK and has provided strategic air quality advice to the European Investment Bank in relation to international airport expansion. They have also provided overall technical direction to the air quality team delivering the Environmental Statements for the Hinkley Point C nuclear power station DCO, on behalf of EDF Energy.</p> <p>In 2015, the technical lead was involved in the previous planning application associated with introducing full runway alternation during easterly operation; they appeared as an Expert Witness on behalf of Heathrow Airport Limited at the Public Inquiry in 2015. They led Heathrow's air quality submissions to the government's Airports Commission and subsequently led the air quality workstream associated with Heathrow's masterplan for a new third runway.</p>
<p><b>Habitats Regulations Assessment Report (Logika)</b></p>	<p>The HRA technical lead is an ecologist with 19 years of consulting experience. They have significant experience in HRA, Ecological Impact Assessment, Biodiversity Net Gain and policy and legal compliance for developments specified under the Planning Act, Electricity Act and the Town and Country Planning Act.</p> <p>They have led the biodiversity inputs on a number of large infrastructure projects</p>

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	<p>including the Heathrow Expansion Project, Rampion 2 Offshore Wind Farm (onshore connection), North London (Electricity Line) Reinforcement and Navitus Bay Offshore Windfarm. They have also provided input to NSIP hearing sessions (e.g. Hinkley Point C Nuclear new build and Triton Knoll Electrical System), Public Inquiries and Examinations in Public including the provision of written representations, the negotiation of Statements of Common Ground and the giving of oral evidence as an expert witness.</p> <p>They have gained most of their experience working on large aviation, energy generation and energy transmission projects in the UK and Republic of Ireland including airport expansion, new nuclear build, on and offshore wind farms, wave and tidal renewable devices and development of on and offshore electrical connections. In addition, they have also been involved in a wide variety of other development projects including residential and industrial development, military infrastructure and opencast mining.</p>