

Appendix: Introduction

Annex 1: EIA Wayfinding

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SCHEDULE 4 INFORMATION REQUIREMENTS – LOCATION OF INFORMATION WITHIN THE ES

	Information for Inclusion in Environmental Statements, as Specified in Schedule 4 of the EIA Regulations 2017 (as amended)	How the EIA addresses the Information Specifications
1.	A description of the development, including in particular:	
(a)	a description of the location of the development;	ES Volume 1: Chapter 1: Introduction
(b)	a description of the physical characteristics of the whole development, including, where relevant, requisite demolition works, and the land-use requirements during the construction and operational phases;	ES Volume 1: Chapter 4: The Proposed Development Chapter 5: Demolition and Construction
(c)	a description of the main characteristics of the operational phase of the development (in particular any production process), for instance, energy demand and energy used.	ES Volume 1: Chapter 4: The Proposed Development
	...nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used; and	ES Volume 1: Chapter 4: The Proposed Development Chapter 5: Demolition and Construction
(d)	an estimate, by type and quantity, of expected residues and emissions (such as water, ...	ES Volume 1: Chapter 4: The Proposed Development Chapter 12: Water Resources, Drainage and Flood Risk
	...air, ...	ES Volume 1: Chapter 8: Air Quality ES Volume 3: Appendix Air Quality
	...soil and subsoil pollution,	ES Volume 1: Chapter 2: EIA Methodology
	...noise, vibration, ...	ES Volume 1: Chapter 10: Noise and Vibration ES Volume 3: Appendix Noise and Vibration
	...light, ...	ES Volume 1: Chapter 14: Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare ES Volume 3: Appendix Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare
	...heat, radiation and ...	ES Volume 1: Chapter 2: EIA Methodology Chapter 9: Climate Change Chapter 14: Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare ES Volume 3: Appendix Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare
	...quantities and types of waste produced during the construction and operation phases;	ES Volume 1: Chapter 4: The Proposed Development Chapter 5: Demolition and Construction
	2.	A description of the reasonable alternatives (for example in terms of development design, technology, location, size and scale) studied by the developer, which are relevant to the proposed project and its specific characteristics, and an indication of the main reasons for

	Information for Inclusion in Environmental Statements, as Specified in Schedule 4 of the EIA Regulations 2017 (as amended)	How the EIA addresses the Information Specifications
	selecting the chosen option, including a comparison of the environmental effects.	
3.	A description of the relevant aspects of the current state of the environment (baseline scenario) ...	ES Volume 1: Chapter 2: EIA Methodology Chapter 3: Alternatives and Design Evolution Technical Chapters 6– 14 ES Volume 2: Built Heritage Assessment; and Townscape and Visual Impact Assessment
	...and an outline of the likely evolution thereof without implementation of the development as far as natural changes from the baseline scenario can be assessed with reasonable effort on the basis of the availability of environmental information and scientific knowledge.	ES Volume 1: Chapter 2: EIA Methodology Technical Chapters 6 – 14 ES Volume 2: Built Heritage Assessment; and Townscape and Visual Impact Assessment
4.	A description of the factors specified in regulation 4(2) likely to be significantly affected by the development: population, human health, ...	ES Volume 1: Chapter 6: Socio-economics Chapter 8: Air Quality Chapter 10: Noise and Vibration Chapter 13: Wind Microclimate Chapter 14: Daylight Sunlight and Overshadowing, Light Pollution and Solar Glare ES Volume 3: Appendix Socio-economics Appendix Air Quality Appendix Noise and Vibration Appendix Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare
	...biodiversity (for example fauna and flora), ...	ES Volume 1: Chapter 2: EIA Methodology Chapter 4: The Proposed Development ES Volume 3: Appendix EIA Methodology, Annex 1
	...land (for example land take), ...	ES Volume 1: Chapter 2: EIA Methodology ES Volume 3: Appendix EIA Methodology, Annex 1
	...soil (for example organic matter, erosion, compaction, sealing), ...	ES Volume 1: Chapter 2: EIA Methodology ES Volume 3: Appendix EIA Methodology, Annex 1
	...water (for example hydromorphological changes, quantity, quality), ...	ES Volume 1: Chapter 2: EIA Methodology Chapter 12: Water Resources, Drainage and Flood Risk ES Volume 3: Appendix Water, Resources, Drainage and Flood Risk
	...air, ...	ES Volume 1: Chapter 8: Air Quality ES Volume 3:

	Information for Inclusion in Environmental Statements, as Specified in Schedule 4 of the EIA Regulations 2017 (as amended)	How the EIA addresses the Information Specifications
		Appendix Air Quality
	...climate (for example greenhouse gas emissions, impacts relevant to adaptation), ...	ES Volume 1: Chapter 4: The Proposed Development Chapter 9: Climate Change Technical Chapters 6 – 14
	...material assets, cultural heritage, including architectural and archaeological aspects, and landscape...	ES Volume 1: Chapter 11: Archaeology ES Volume 2: Built Heritage Assessment; and Townscape and Visual Impact Assessment ES Volume 3: Appendix Archaeology
5.	A description of the likely significant effects of the development on the environment resulting from, inter alia:	
(a)	the construction and existence of the development, including, where relevant, demolition works.	ES Volume 1: Chapter 5: Demolition and Construction
(b)	the use of natural resources, in particular land, soil, ...	ES Volume 1: Chapter 4: The Proposed Development Chapter 5: Demolition and Construction
	...water and ...	ES Volume 1: Chapter 2: EIA Methodology Chapter 4: The Proposed Development Chapter 12: Water Resources, Drainage and Flood Risk
	...biodiversity, ...	ES Volume 1: Chapter 2: EIA Methodology ES Volume 3 Appendix EIA Methodology, Annex 1
	...considering as far as possible the sustainable availability of these resources;	ES Volume 1: Chapter 4: The Proposed Development Chapter 5: Demolition and Construction Technical Chapters 6 – 14
(c)	the emission of pollutants, ...	ES Volume 1: Chapter 2 EIA Methodology Chapter 8: Air Quality Chapter 9: Climate Change ES Volume 3: Appendix EIA Methodology, Annex 1 Appendix Air Quality
	...noise, vibration, ...	ES Volume 1: Chapter 10: Noise and Vibration ES Volume 3: Appendix Noise and Vibration
	...light, ...	ES Volume 1: Chapter 14: Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare ES Volume 3: Appendix Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare
	...heat and radiation, ...	ES Volume 1:

	Information for Inclusion in Environmental Statements, as Specified in Schedule 4 of the EIA Regulations 2017 (as amended)	How the EIA addresses the Information Specifications
		Chapter 4: The Proposed Development Chapter 14: Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare ES Volume 3: Appendix Daylight, Sunlight and Overshadowing, Light Pollution and Solar Glare
	...the creation of nuisances, ...	ES Volume 1: Chapter 8: Air Quality Chapter 10: Noise and Vibration ES Volume 3: Appendix Air Quality Appendix Noise and Vibration
	...and the disposal and recovery of waste;	ES Volume 1: Chapter 2: EIA Methodology Chapter 4: The Proposed Development Chapter 5: Demolition and Construction ES Volume 3 Appendix EIA Methodology, Annex 1
(d)	the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);	ES Volume 1: Chapter 2: EIA Methodology Technical Chapters 6 – 14 ES Volume 2: Built Heritage Assessment; and Townscape and Visual Impact Assessment ES Volume 3: Appendix EIA Methodology, Annex 1 Appendix: Water Resources, Drainage and Flood Risk
(e)	the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources;	ES Volume 1: Technical Chapters 6 – 14 ES Volume 2: Built Heritage Assessment; and Townscape and Visual Impact Assessment
(f)	the impact of the project on climate (for example the nature and magnitude of greenhouse gas emissions) and the vulnerability of the project to climate change; and	ES Volume 1: Chapter 4: The Proposed Development Chapter 9: Climate Change Technical Chapters 6 – 14
(g)	the technologies and the substances used.	ES Volume 1: Chapter 4: The Proposed Development Chapter 5: Demolition and Construction Technical Chapters 6 – 14
6.	A description of the forecasting methods or evidence, used to identify and assess the significant effects on the environment, including details of difficulties (for example technical deficiencies or lack of knowledge) encountered compiling the required information and the main uncertainties involved.	ES Volume 1: Chapter 2: EIA Methodology Technical Chapters 6 – 14 ES Volume 2: Built Heritage Assessment; and Townscape and Visual Impact Assessment
7.	A description of the measures envisaged to avoid, prevent, reduce or, if possible, offset any identified significant adverse effects on the environment and, where appropriate, of any proposed monitoring	ES Volume 1: Chapter 4: The Proposed Development Chapter 5: Demolition and Construction

	Information for Inclusion in Environmental Statements, as Specified in Schedule 4 of the EIA Regulations 2017 (as amended)	How the EIA addresses the Information Specifications
	arrangements (for example the preparation of a post-project analysis). That description should explain the extent, to which significant adverse effects on the environment are avoided, prevented, reduced or offset, and should cover both the construction and operational phases.	Technical Chapters 6 – 14 Chapter 17: Monitoring and Mitigation Schedule ES Volume 2: Built Heritage Assessment; and Townscape and Visual Impact Assessment
8.	A description of the expected significant adverse effects of the development on the environment deriving from the vulnerability of the development to risks of major accidents and/or disasters which are relevant to the project concerned. Relevant information available and obtained through risk assessments pursuant to EU legislation such as Directive 2012/18/EU(c) of the European Parliament and of the Council or Council Directive 2009/71/Euratom(d) or UK environmental assessments may be used for this purpose provided that the requirements of this Directive are met. Where appropriate, this description should include measures envisaged to prevent or mitigate the significant adverse effects of such events on the environment and details of the preparedness for and proposed response to such emergencies.	ES Volume 1: Chapter 2: EIA Methodology Chapter 13: Wind Microclimate Chapter 14: Daylight, Sunlight and Overshadowing ES Volume 3: Appendix EIA Methodology: Annex 1
9.	non-technical summary of the information provided under paragraphs 1 to 8.	ES Non-Technical Summary
10.	A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.	ES Volume 1: Chapter 1: Introduction Chapter 2: EIA Methodology Technical Chapters 6 – 14 ES Volume 2: Townscape, Visual Impact and Built Heritage Assessment ES Volume 3: Technical Appendices

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October 2021

Aberfeldy New Masterplan: Competent Expert and Relevant Experience

Regulation 18(5) of The Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (as amended) (referred to as 'the EIA Regulations') require that to ensure the completeness and quality of the ES:

- '(a) the developer must ensure that the environmental statement is prepared by competent experts'; and
- '(b) the environmental statement must be accompanied by a statement from the developer outlining the relevant expertise or qualifications of such experts'.

As set out in **ES Volume 1, Chapter 1: Introduction**, Trium is an environmental consultancy specialising in urban regeneration and property development projects in the United Kingdom (UK), with a specific focus in London. Trium is therefore considered to be 'competent experts' as referenced in the EIA Regulations. In addition, and for completeness, Table 1 below sets out the company, persons and expertise of all the key technical specialists that have worked on the EIA.

Table 1: Experts Involved in the Production of the ES and their Relevant Experience

Discipline	Company	Person(s)	Expertise
EIA Coordination	Trium	Vanessa Thorpe	Vanessa is a Chartered Environmentalist and Technical Director at Trium, with over 17 years' experience of managing and directing EIA projects, Environmental Appraisals and Constraints Reports, Screening and Scoping requests, and technical environmental reports. Vanessa has directed and managed EIA projects for a range of developments including masterplans, urban regeneration, residential, mixed-use, transportation, rail and industrial developments in various locations throughout the UK and internationally.
		Hamid Atta	Hamid is a Practitioner at the Institute of Environmental Assessors and Senior Consultant at Trium Environmental Consulting with 5 years of experience specialising in EIA coordination, EIA Scoping and the production of high quality EIAs. His experience covers a wide range of large estate regenerations and smaller urban regeneration schemes predominantly in London and the south east of the UK.
Noise and Vibration	Entran	Stuart Berry	Stuart is a Senior Consultant with 9 years' experience in conducting environmental noise and vibration impact assessments for a range of project types. Stuart holds an MSc in Environmental and Architectural Acoustics and is a member of the Institute of Acoustics.
Air Quality	Entran	Nick Davey	A specialist in the field of air quality with a track record of expert witness experience. Nick has over 24 years experience of carrying out air quality impact assessments for a range of developments, particularly in the renewable energy, residential, health care, power generation, utilities, waste, highways, industrial and retail sectors, involving the use of various modelling/ monitoring techniques and appearing as expert witness. Nick has previously lead air quality teams in large multi-discipline consultancies prior to becoming one of the founding Directors of Entran Ltd in 2005. Experience of designing, procuring and operation of air quality monitoring networks for high profile projects such as DEFRA/ EA AURN network. Nick has also completed PhD research relating to air quality impact assessment and associated methodologies. Nick has experience of working on numerous large-scale complex projects both in the UK and the Middle East.
Traffic and Transport	Velocity	Tom Mabelson	Tom is a Director at Velocity Transport Planning with over 13 years of experience providing transport planning, design and assessment to support development projects. Tom has directed and managed projects across a range of development scales and land uses including significant regeneration schemes. Tom is a Member of the Chartered Institute of Highways and Transportation and a Member of the Transport Planning Society.
Socio-economics	Hatch	Zoe Crampton	The socio-economic lead is an Associate Director at Hatch with over fifteen years of experience in undertaking socio-economic development research and in producing Socio-economic ES Chapters. Recent project experience includes: Stag Brewery, LB Richmond: Socio-economic assessment and Health Impact Assessment and preparation of chapter for the ES of a major mixed-use scheme in LB Richmond

Discipline	Company	Person(s)	Expertise
			Bow River, LB Tower Hamlets: Socio-economic assessment and Health Impact Assessment and preparation of chapter for the ES of a residential-led scheme in LB Tower Hamlets Station Hill, Reading: Socio-economic assessment and Health Impact Assessment and preparation of chapter for the ES of a major mixed-use scheme in Reading Purfleet, Thurrock: Socio-economic assessment and preparation of chapter for the ES of a new town centre and residential scheme in Purfleet. Zoe has the following qualifications: BA Geography (Hons) University of Birmingham
Wind Microclimate	RWDI	Aimee Crook	Aimee obtained a Prince2 certificate in Project Management in January 2019. Aimee has been working at RWDI since 2011 and has assisted and managed a wide range of projects since then, dealing with a global client list including the UK, Middle East and Europe. <ul style="list-style-type: none"> • Palm 360, Dubai • James Street, Liverpool • St John's Manchester • Bestseller Tower, Denmark • Bollo Lane, Acton, London • Southall Sidings, London • Pope's Road, Brixton
Climate Change	Greengage	Manon Dangelser	Manon has over four years' experience in environmental services, and previous experience in the civil engineering field. She has gained a broad knowledge of sustainability, having conducted analyses in energy, circular economy, whole life cycle, flood risk, overheating and daylight, as well as BREEAM and HQM assessments, on numerous residential, commercial, and mixed-use developments. She manages a range of projects in the UK and provide sustainability guidance to design teams from early concept stage.
Daylight, Sunlight and Overshadowing	GIA	Lotte Tobermann	Since graduating with an MSc in Environmental Planning, Lotte joined GIA in 2019, having previously worked in EIA consultancy. Lotte's role entails the coordination and preparation of Daylight, Sunlight, Overshadowing, Solar Glare and Light Pollution EIA scoping reports and Environmental Statement chapters.
Archaeology	TVAS	Steve Preston	Over 20 years' experience of archaeological fieldwork and reporting, including preparing archaeological contributions to Environmental Impact Assessments.
		Elsbeth St. John-Brooks	Environmental and Geoarchaeology specialist; Over 13 years' experience working in the field, an extensive academic and laboratory background in archaeology and well versed in writing reports including fieldwork and desk-based reports;
Built Heritage Assessment (Volume II)	KM Heritage	Anne Roache	Anne Roache MSc MA is a built heritage professional of broad experience having worked for leading commercial organisations in the fields of property, planning and law. She holds an MSc in Historic Building Conservation and an MA Library & Information Studies - affording her expertise in archival research and interrogation. Anne began her career in the research team of international real estate consultancy, Jones Lang LaSalle and was for some years Director of Research at a large international law firm. This experience has given her an in-depth understanding of the legislative and policy framework governing the built environment. At KMHeritage, Anne provides advice and guidance to clients on all aspects of the historic built environment and has been involved in a wide range of residential, commercial and municipal projects throughout England including advising on a significant project in the UNESCO World Heritage Site Liverpool Maritime Mercantile City.
Townscape, Visual Impact Assessment (Volume II)	Peter Stewart Consultancy	Peter Stewart	Peter Stewart is a chartered architect. After fifteen years in practice in central London, he was appointed Deputy Secretary of the Royal Fine Art Commission (RFAC), and then Director of the design review programme at CABE (the body which, at that time, was the Government's advisor on architecture and urban design). In 2005 he founded Peter Stewart Consultancy. Since then, he has provided advice on architecture, urban design and the historic environment, and overseen the production of townscape and heritage impact assessments as part of an EIA, in respect of hundreds of projects. He has served as a member of the London Advisory Committee of English Heritage (now Historic England).



Discipline	Company	Person(s)	Expertise
		Jonathan Freeman	Jonathan Freeman is an RTPI Accredited town planner with over 18 years' experience, working across the public and private sectors. Experience includes working as a conservation and design officer at LB Hackney; coordinating the delivery of major planning applications at AECOM; and working as an advisor in the CABE/Design Council design review team. He has worked as a project lead at Peter Stewart Consultancy over the last 7 years, writing a number of Townscape, Visual Impact, and Built Heritage Assessments for Environmental Statements.
Demolition and Construction	Blue Sky Building	Tim Cole	<p>Tim Cole is an experienced construction project manager with a proven track record of delivering technically complex high-profile demolition & construction projects, having worked in the construction industry for 45 years. He has a proven ability of working with keynote consultants on high quality, complex projects.</p> <p>A firm believer that successful projects are achieved by proper understanding of client requirements, accurate briefing and clear planning from inception, Tim has specialised in Preconstruction organisation of major schemes through feasibility and Planning stages for the last 10 years.</p> <p>Previous Projects include:</p> <ul style="list-style-type: none"> • MSG – The Sphere. Preconstruction logistics and strategy planning for this unique proposed entertainment venue development in Stratford; • North West Cambridge Development. Author of Construction Advisor's report for the programme, logistics and procurement of this "new town" style residential development for the University of Cambridge; and • Bloomberg Square . Preconstruction manager for major construction of complex City commercial office headquarters scheme in a congested City of London location. <p>Qualifications: MCIOB</p>
Water Resources, Flood Risk Assessment and Drainage	Meinhardt	Gurdeep Bansal	Gurdeep is an Associate Director at Meinhardt, with over 14 years' experience of civil engineering experience, with a key focus on drainage design and flood risk. Gurdeep has managed an array of different projects from mixed use/residential, hospitality, urban regeneration throughout the UK, providing advice and design from feasibility all the way to construction, including planning application documents, such as Drainage Strategies, Flood Risk Assessments, Foul Drainage Assessments, Water Resources and Flood Risk ES Chapters as well as other technical drainage and flood risk related reports.