



Appendix 1.2 Location of Specified Information in the ES

Specified Information in Part 1 of the EIA regulations		Location within the ES
4(2)	The EIA must identify, describe and assess in an appropriate manner, in light of each individual case, the direct and indirect significant effects of the proposed development on the following factors –	
4(2)(a)	Population and Human Health	See Chapter 4: Socio-Economics . Health Impact Assessment (HIA) provided at Appendix 4.2: HIA .
4(2)(b)	Biodiversity, with particular attention to species and habitats protected under <u>Directive 92/43/EEC</u> and <u>Directive 2009/147/EC</u>	See Chapter 10: Ecology .
4(2)(c)	Land, soil, water, air and climate	See Chapter 6: Air Quality and Chapter 8: Hydrology, Flood Risk and Drainage .
4(2)(d)	Material assets, Cultural Heritage and the landscape	Assessment of Landscape and Visual Impact are provided within Chapter 12: Landscape and Visual Impact Assessment (LVIA) . Built Heritage is addressed within Chapter 11: Built Heritage Material assets are outlined in Chapter 3: Proposed Development and Description of Alternatives .
4(2)(e)	The interaction between the factors referred to in sub-paragraph (a) to (d)	See Chapter 13: Residual Impacts, Mitigation and Cumulative Effects .
4(3)	The effects referred to in paragraph (2) on the factors set out in that paragraph must include the operational effects of the proposed development, where the proposed development will have operational effects.	See technical Chapters 4 to 12 which outline the potential operational effects of the Proposed Development. Likewise, a Summary of Residual Effects is provided within all technical chapters and within Chapter 13: Residual Effects, Mitigation and Cumulative Effects .

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4(4)	The significant effects to be identified, described and assessed under paragraph (2) include the expected significant effects arising from the vulnerability of the proposed development to major accidents and disasters that are relevant to that development.	Vulnerability to Major Accidents or Disasters has been scoped out of the ES. See Chapter 1: Introduction and EIA Methodology .
4(5)	The relevant planning authority or the Secretary of State must ensure that they have, or have access as necessary to, sufficient expertise to examine the environmental statement.	Noted.
18(3)	An environmental statement is a statement which includes at least—	
18(3)(a)	a description of the proposed development comprising information on the site, design, size and other relevant features of the development;	See Chapter 1: Introduction and EIA Methodology, Chapter 2: Description of Site, Surroundings and Background and Chapter 3: Proposed Development and Description of Alternatives .
18(3)(b)	a description of the likely significant effects of the proposed development on the environment;	See all technical Chapters 4 to 12 , and Chapter 13: Residual Effects, Mitigation and Cumulative Effects .
18(3)(c)	a description of any features of the proposed development, or measures envisaged in order to avoid, prevent or reduce and, if possible, offset likely significant adverse effects on the environment;	See Chapter 3: Proposed Development and Description of Alternatives and all technical Chapters 4 to 12 .
18(3)(d)	A description of the reasonable alternatives studied by the developer, which are relevant to the proposed development and its specific characteristics, and an indication of the main reasons for the option chosen, taking into account the effects of the development on the environment;	See Chapter 3: Proposed Development and Description of Alternatives .
18(3)(e)	a non-technical summary of the information referred to in sub-paragraphs (a) to (d); and	See Volume III: Non-Technical Summary .
18(3)(f)	Any additional information specified in Schedule 4 relevant to the specific characteristics of the particular development or type of development and to the environmental features likely to be significantly affected.	See below.
18(4)	An environmental statement must—	
18(4)(a)	where a scoping opinion or direction has been issued in accordance with regulation 15 or 16, be based on the most recent scoping opinion or direction issued (so far as the proposed development remains	See Chapter 1: Introduction and EIA Methodology .

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	materially the same as the proposed development which was subject to that opinion or direction);	
18(4)(b)	include the information reasonably required for reaching a reasoned conclusion on the significant effects of the development on the environment, taking into account current knowledge and methods of assessment; and	See technical Chapters 4 to 12.
18(4)(c)	be prepared, taking into account the results of any relevant UK environmental assessment, which are reasonably available to the person preparing the environmental statement, with a view to avoiding duplication of assessment.	See technical Chapters 4 to 12.
18(5)	In order to ensure the completeness and quality of the environmental statement—	
18(5)(a)	the developer must ensure that the environmental statement is prepared by competent experts; and	The competencies of the authors are stated in Appendix 1.5: Competency Statement.
18(5)(b)	the environmental statement must be accompanied by a statement from the developer outlining the relevant expertise or qualifications of such experts.	
Specified Information in Part 1 of the EIA Regulations		
1	Description of the development, including in particular:	
(a)	A description of the location of the development;	See Chapter 2: Description of Site, Surroundings and Background.
(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;	See Chapter 3: Proposed Development and Description of Alternatives.
(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, nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used;	
(d)	An estimate, by type and quantity, of expected residues and emissions (such as water, air, soil and subsoil pollution, noise, vibration, light, heat, radiation) and quantities and types of waste produced during the construction and operational phases;	
2	A description of the reasonable alternatives (for example in terms of	See Chapter 3: Proposed Development and Description of Alternatives.

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	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 selecting the chose option, including a comparison of the environmental effects;	Also see technical Chapters 4 to 12.
3	A description of the relevant aspects of the current state of the environment (baseline scenario) 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 based on the availability of environmental information and scientific knowledge;	See Chapter 2: Description of Site, Surroundings and Background and Chapter 3: Proposed Development and Description of Alternatives. Also see technical Chapters 4 to 12.
4	A description of the factors specified in regulation 4(2) likely to be significantly affected by the development: population, human health, biodiversity (for example flora and fauna), land (for example land take), soil (for example organic matter, erosion, compaction, sealing), water (for example hydromorphological changes, quantity, quality) air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape;	See Chapter 3: Proposed Development, and Description of Alternatives. Also see technical Chapters 4 to 12.
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;	See Chapter 3: Proposed Development, and Description of Alternatives. Also see technical Chapters 4 to 12. Also see Chapter 13: Residual Impacts, Mitigation and Cumulative Effects.
(b)	The use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;	See Chapter 3: Proposed Development and Description of Alternatives. Also see technical Chapters 4 to 12.
(c)	The emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recover of waste;	Information on waste, utilities and construction traffic are outlined in Chapter 3: Proposed Development and Description of Alternatives.

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		Potential effects to air quality, dust and noise and vibration are considered in Chapter 6: Air Quality and Chapter 7: Noise and Vibration .
(d)	The risks to human health, cultural heritage or the environment (for example due to accidents or disasters);	See Chapter 3: Proposed Development and Description of Alternatives See Chapter 4: Socio-Economics and Health and Appendix 4.2: HIA. See Chapter 11: Built Heritage. See Chapter 13: Residual Impacts, Mitigation and Cumulative Effects. Vulnerability to Major Accidents or Disasters has been scoped out of the EIA. See Chapter 1: Introduction and EIA Methodology.
(e)	The cumulative 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;	See Chapter 13: Residual Impacts, Mitigation and Cumulative Effects .
(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;	See Chapter 1: Introduction and EIA Methodology and Chapter 3: Proposed Development and Description of Alternatives .
(g)	The technologies and the substances used.	See Chapter 3: Proposed Development and Description of Alternatives .
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.	See Chapter 1: Introduction and EIA Methodology. See technical Chapters 4 to 12.
7	A description of the measures envisaged to avoid, prevent, reduce, or if possible, offset any identified 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.	See technical Chapters 4 to 12 .

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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 that are relevant to the project concerned.	Vulnerability to Major Accidents or Disasters has been scoped out of the EIA. See Chapter 1: Introduction and EIA Methodology .
9	A non-technical summary of the information is provided under paragraphs 1 to 8.	See Volume III: Non-Technical Summary .
10	A reference list detailing the sources used for the descriptions and assessments is included in the Environmental Statement.	References are provided within all ES Chapters as endnotes.