

Appendix 3.1: Location of Specified Information in the ES

Specified Information in Schedule 4 of the EIA Regulations		Location within ES
1.	Description of the Development, including in particular:	
(a)	A description of the location of the Development	Chapter 1: Introduction Chapter 2: Site and Setting
(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.	Chapter 5: Description of the Development Chapter 6: 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, nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used.	Chapter 5: Description of the Development Technical Chapters 7-9
(d)	An estimate, by type and quantity, of expected residues and emissions (such as water, air and soil and subsoil pollution, noise, vibration, light, heat, radiation and quantities and types of waste) produced during the construction and operation phases.	Chapter 5: Description of the Development Chapter 6: Construction Technical Chapters 7-9
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 selecting the chosen option, including a comparison of the environmental effects.	Chapter 4: Alternatives
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 on the basis of the availability of environmental information and scientific knowledge.	Technical Chapters 7-9
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 fauna and flora), land (for example land take), soil (for example organic matter, erosion, compaction, sealing), water (for example hydromorphological changes, quantity and quality), air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape.	Chapter 3: EIA Methodology Technical Chapters 7-9 Chapter 10: Effect Interactions

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<p>5. A description of the likely significant effects of the development on the environment resulting from, inter alia:</p> <ul style="list-style-type: none"> (a) the construction and existence of the development, including, where relevant, demolition works; (b) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources; (c) the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste; (d) the risks to human health, cultural heritage or the environment (for example due to accidents or disasters); (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; (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 (g) the technologies and the substances used. <p>The description of the likely significant effects on the factors specified in regulation 4(2) should cover the direct effects and any indirect, secondary, cumulative, transboundary, short-term, medium-term and long-term, permanent and temporary, positive and negative effects of the development. This description should take into account the environmental protection objectives established at Union or Member State level which are relevant to the project, including in particular those established under Council Directive 92/43/EEC(a) and Directive 2009/147/EC(b).</p>	<p>Technical Chapters 7-9 Chapter 10: Effect Interactions</p>
<p>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.</p>	<p>Chapter 3: EIA Methodology Under 'Assumptions and Limitations' within 'Assessment Methodology' section of each technical chapter (i.e. 7 – 9) as relevant.</p>
<p>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 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.</p>	<p>Chapter 5: Description of Development Chapter 6: Construction Technical Chapters 7 – 9 Chapter 11: Summary of Mitigation, Monitoring and Residual Effects</p>

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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 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.	Scoped out of EIA as discrete assessment. Flood Risk Assessment provided within Chapter 8: Water Resources and Flood Risk
9. A non-technical summary of the information provided under paragraphs 1 to 8.	Provided as a standalone document which forms part of the ES.
10. A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.	Under 'References' section of each technical chapter (i.e. 7 – 9) as relevant.
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—	
(a)	population and human health;
	Population and Human Health assessment scoped out of EIA (See Chapter 3: EIA Methodology for justification).
(b)	biodiversity, with particular attention to species and habitats protected under Directive 92/43/EEC(a) and Directive 2009/147/EC(b);
	Chapter 7: Biodiversity
(c)	land, soil, water, air and climate;
	Chapter 8: Water Resources and Flood Risk. Ground Conditions and Contamination, Soil and Climate Change have been scoped out of assessment within the EIA (See Chapter 3: EIA Methodology for justification).

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(d)	material assets, cultural heritage and the landscape; and,	Material assets, Cultural Heritage and the Landscape have been scoped out of assessment within the EIA (See Chapter 3: EIA Methodology for justification).
(e)	the interaction between the factors referred to in sub-paragraphs (a) to (d).	Chapter 14: Effect Interactions, where required and topics included in sub- paragraphs (a) to (d) have been scoped into the EIA.