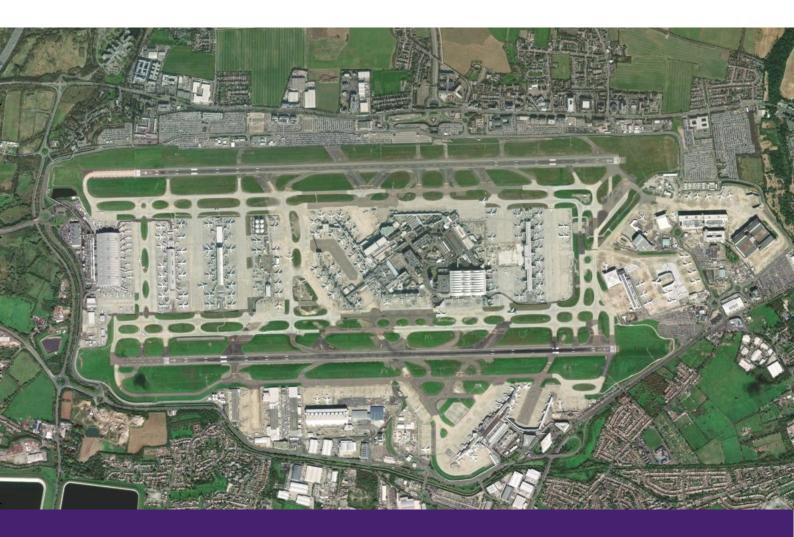
## Heathrow



# EASTERLY ALTERNATION

Environmental Impact Assessment Environmental Statement, Volume III Appendix 1.4 Location of Information Within the Environmental Statement

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# 1. Location of information within the Environmental Statement

- **Table 1.1** sets out the location of information which is required by Schedule 4, Regulation 18(3) of the Town and Country Planning (Environmental Impact Assessment) Regulations 2017<sup>1</sup>, within the Environmental Statement.
- 1.1.2 The Environmental Statement is provided in four volumes:
  - Volume I: Non-Technical Summary;
  - Volume II: Main Environmental Statement;
  - Volume III: Appendices; and
  - Volume IV: Noise Figures.

#### Table 1.1 Location of Information within the Environmental Statement

Specified Information	Location within the Environmental Statement
1. A description of the development, including in particular:	Volume II: Chapter 3
(a) A description of the location of the development;	Volume II: Chapter 2 Section 2.2
(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;	Volume II: Chapter 3
(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;	Volume II: Chapter 3
(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.	Volume II: Chapter 3 Section 3.4.17
<b>2.</b> 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.	Volume II: Chapter 3 Section 3.6
<b>3.</b> 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	Volume II: Chapter 2

<sup>&</sup>lt;sup>1</sup> Schedule 4, Information for Inclusion in Environmental Statements – HM Government (2017) *The Town and Country Planning (Environmental Impact Assessment) Regulations 2017.* [online] Available at: <a href="https://www.legislation.gov.uk/uksi/2017/571/contents">https://www.legislation.gov.uk/uksi/2017/571/contents</a> [Accessed: 16 October 2024].

### Environmental Statement Volume III Classification: Public

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Specified Information	Location within the Environmental Statement
reasonable effort on the basis of the availability of environmental information and scientific knowledge.	
<b>4.</b> 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.	Volume II: Chapters 6 - 13
<b>5.</b> A description of the likely significant effects of the development on the environment resulting from, inter alia.	Volume II: Chapters 6 - 13
(a) the construction and existence of the development, including, where relevant, demolition works;	Volume II: Chapters 2 - 3
(b) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;	Volume II: Chapter 3 Section 3.4 Volume II: Chapter 6 Volume II: Chapter 8 Volume II: Chapter 10 Volume II: Chapter 12 Whole Life Carbon Assessment Report Flood Risk Assessment Construction Environmental Management Plan
(c) the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste;	Volume II: Chapter 3 Volume II: Chapters 6 - 8
(d) the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);	Volume II: Chapters 6 - 7 Volume II: Chapters 9 - 11
(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;	Volume II: Chapter 13
(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;	Volume II: Chapter 5 Flood Risk Assessment
(g) the technologies and the substances used.	N/A
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	Volume II: Chapters 6 - 13

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Specified Information	Location within the Environmental Statement
92/43/EEC (1) and Directive 2009/147/EC (2).	
<b>6.</b> 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.	Volume II: Chapters 6 - 13
<b>7.</b> 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.	Volume II: Chapter 3 Section 3.3 Volume II: Chapters 6 – 12 Flood Risk Assessment
<b>8.</b> 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 (3) of the European Parliament and of the Council or Council Directive 2009/71/Euratom (4) 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.	Volume II: Chapters 6 - 12
<b>9.</b> A non-technical summary of the information provided under paragraphs 1 to 8.	Volume I: Non-Technical Summary
<b>10.</b> A reference list detailing the sources used for the descriptions and assessments included in the Environmental Statement.	Volume I: Non-Technical Summary Volume II: Main Environmental Statement Volume III: Appendices