



Gatwick Airport Northern Runway Project

Environmental Statement

Appendix 6.2.4: Schedule 4 Requirements of the Infrastructure Planning Regulations –
Location within Environmental Statement

Book 5

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1 Introduction

1.1 General

1.1.1 This document forms Appendix 6.2.4 of the Environmental Statement (ES) prepared on behalf of Gatwick Airport Limited (GAL) for the proposal to make best use of Gatwick Airport's existing runways and infrastructure (referred to within this report as 'the Project').

1.1.2 Regulation 14 of the EIA Regulations 2017 sets out the information which an ES accompanying a Development Consent Order (DCO) application must include. Amongst the requirements is a reference to the inclusion of additional information specified in Schedule 4 where relevant to the specific characteristics of the particular development or type of development and to the environmental features likely to be significantly affected (Regulation 14(2)(f) of the EIA Regulations 2017). This document sets out the requirements for information for inclusion in ESs as specified in Regulation 14 and Schedule 4 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 and identifies the location of that information within the ES.

2 Regulation 14 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017: Environmental Statements

2.1 Regulation 14 Requirements.

Table 2.1.1: Regulation 14 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017: Environmental Statements

Required Information (Regulation 14)	Location of Information	
1. An application for an order granting development consent for EIA development must be accompanied by an environmental statement	Environmental Statement is part of the Application (See Book 5). The Environmental Statement in Book 5 is organised into three volumes: ES Volume 1 (Doc Ref. 5.1) contains the ES Chapters; ES Volume 2 (Doc Ref. 5.2) contains the ES Figures; ES Volume 3 (Doc Ref. 5.3) contains the ES Appendices; alongside the ES Non-Technical Summary (Doc Ref. 5.4).	
2. An environmental statement is a statement which includes at least -	a) a description of the proposed development comprising information on the site, design, size and other relevant features of the development;	ES Chapter 4: Existing Site and Operation (Doc Ref. 5.1) and ES Chapter 5: Project Description (Doc Ref. 5.1)
	b) a description of the likely significant effects of the proposed development on the environment;	ES Topic Chapters 7 to 19 and ES Chapter 20: Cumulative effects and Inter-Relationships (Doc Ref. 5.1)
	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;	ES Chapter 5: Project Description (Doc Ref. 5.1); ES Appendix 5.2.3: Mitigation Route Map (Doc Ref. 5.3); ES Topic chapters 7 to 19 (Doc Ref. 5.1)
	d) a description of the reasonable alternatives studied by the applicant, 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;	ES Chapter 3: Alternatives Considered (Doc Ref. 5.1)
	e) a non-technical summary of the information referred to in sub-paragraphs (a) to (d); and	ES Non-Technical Summary (Doc Ref. 5.4)
	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 Table 3.1.1 below which provides detailed information

Required Information (Regulation 14)		Location of Information
3. The environmental statement referred to in paragraph (1) must	a) where a scoping opinion has been adopted, be based on the most recent scoping opinion adopted (so far as the proposed development remains materially the same as the proposed development which was subject to that opinion);	ES Appendix 6.2.1: Scoping Report; ES Appendix 6.2.2: Scoping Opinion; and ES Appendix 6.2.3: Scoping Responses and Location in ES (all Doc Ref. 5.3)
	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	ES Chapter 4: Existing Site and Operation (Doc Ref. 5.1); ES Chapter 5: Project Description (Doc Ref. 5.1); ES Chapter 6: Approach to Environmental Assessment (Doc Ref. 5.1)
	c) be prepared, taking into account the results of any relevant UK environmental assessment, which is reasonably available to the applicant with a view to avoiding duplication of assessment.	ES Topic chapters 7 to 19 (Doc Ref. 5.1) and ES Chapter 20: Cumulative Effects and Inter-Relationships (Doc Ref. 5.1)
4. In order to ensure the completeness and quality of the environmental statement -	a) the applicant must ensure that the environmental statement is prepared by competent experts; and	ES Appendix 1.8.1: Statement of Expertise (Doc Ref. 5.3)
	b) the environmental statement must be accompanied by a statement from the applicant outlining the relevant expertise or qualifications of such experts.	ES Appendix 1.8.1: Statement of Expertise (Doc Ref. 5.3)

3 Schedule 4 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017: Information for Inclusion in Environmental Statements

3.1 Schedule 4 Requirements

Table 3.1.1: Schedule 4 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017: Information for Inclusion in Environmental Statements

Required Information		Location within Environmental Statement
1. A description of the development, including in particular -	a) a description of the location of the development;	ES Chapter 4: Existing Site and Operation (Doc Ref. 5.1); ES Chapter 5: Project Description (Doc Ref. 5.1)
	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 Chapter 5: Project Description (Doc Ref. 5.1)
	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;	ES Chapter 5: Project Description (Doc Ref. 5.1)
	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 operation phases.	ES Volume 1 (Doc Ref. 5.1) containing the ES Chapters; ES Volume 2 (Doc Ref. 5.2) containing the ES Figures and ES Volume 3 (Doc Ref. 5.3) containing the ES Appendices;

Required Information	Location within Environmental Statement	
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.	ES Chapter 3: Alternatives Considered (Doc Ref. 5.1)	
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.	ES Volume 1 (Doc Ref. 5.1) containing the ES Chapters; ES Volume 2 (Doc Ref. 5.2) containing the ES Figures and ES Volume 3 (Doc Ref. 5.3) containing the ES Appendices;	
4. A description of the factors specified in regulation 5(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.	ES Topic chapters 7 to 19 (Doc Ref. 5.1)	
5. A description of the likely significant effects of the development on the environment resulting from, inter alia—	b) the construction and existence of the development, including, where relevant, demolition works;	ES Chapter 5: Project Description (Doc Ref. 5.1)
	c) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;	ES Chapter 8 Ecology; ES Chapter 10 Geology and Ground Conditions; ES Chapter 11: Water Environment; ES Chapter 19: Agricultural Land Use and Recreation (All Doc Ref. 5.1)
	g) the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste;	ES Chapter 5: Project Description; ES Chapter 6: Approach to Environmental Assessment; ES Chapter 10: Geology and Ground Conditions; ES Chapter 13: Air Quality; ES Chapter 14: Noise and Vibration; ES Chapter 15: Climate Change (All Doc Ref. 5.1); ES Appendix 5.3.2 Code of Construction Practice (Doc Ref. 5.3).
	h) the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);	ES Chapter 7: Historic Environment (Doc Ref. 5.1); ES Chapter 18: Health and Wellbeing (Doc Ref. 5.1); ES Appendix 5.3.4: Major Accidents and Disasters (Doc Ref. 5.3)
	i) 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;	Chapter 20: Cumulative effects and Inter-Relationships (Doc Ref. 5.1)
	j) 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;	ES Chapter 15: Climate Change (Doc Ref. 5.1) and ES Chapter 16: Greenhouse Gas (Doc Ref. 5.1)
	k) the technologies and the substances used.	Chapter 5: Project Description (Doc Ref. 5.1)
	The description of the likely significant effects on the factors specified in regulation 5(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).	ES Topic Chapters 7 to 19 and ES Chapter 20: Cumulative effects and Inter-Relationships (Doc Ref. 5.1)

Required Information	Location within Environmental Statement
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 Chapter 4: Existing Site and Operation; ES Chapter 6: Approach to Environmental Assessment; ES Topic chapters 7 to 19 and ES Chapter 20: Cumulative effects and Inter-Relationships (All Doc Ref. 5.1)
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.	ES Chapter 5: Project Description (Doc Ref. 5.1); ES Appendix 5.2.3: Mitigation Route Map (Doc Ref. 5.3); ES Topic chapters 7 to 19 (Doc Ref. 5.1)
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 of the European Parliament and of the Council(c) 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.	Appendix 5.3.4: Major Accidents and Disasters (Doc Ref. 5.3)
9. A non-technical summary of the information provided under paragraphs 1 to 8.	ES Non-Technical Summary (Doc Ref. 5.4)
10. A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.	Chapters 1 to 21 of the ES and ES Appendices (Doc Ref. 5.1 and 5.3)

4 References

The Infrastructure Planning (Environmental Impact Assessment) Regulations, 2017. 2017 No. 572.

5 Glossary

5.1 Glossary of terms

Table 5.1.1: Glossary of Terms

Term	Description
DCO	Development Consent Order
EEC	European Economic Community
EIA	Environmental Impact Assessment
ES	Environmental Statement
EU	European Union
GAL	Gatwick Airport Limited
UK	United Kingdom