

An aerial photograph of Gatwick Airport's northern runway and taxiway. The runway is a long, straight concrete strip with white markings, including the number '26' and the letter 'L'. Several aircraft are visible on the taxiway and runway. In the foreground, a large white Airbus A380 is taxiing. To its left, a smaller white aircraft is also taxiing. Further up the runway, another white aircraft is visible. In the bottom left corner, a red and white easyJet aircraft is taxiing. The surrounding area includes green grass, taxiway lights, and airport buildings in the distance. The text 'YOUR LONDON AIRPORT' is written in white, uppercase letters, and 'Gatwick' is written in a white, cursive font below it.

YOUR LONDON AIRPORT
Gatwick

Our northern runway: making best use of Gatwick

Preliminary Environmental Information Report
Appendix 6.2.2: Schedule 4 Requirements of the Infrastructure Planning Regulations: Location Within
PEIR

September 2021

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1 Introduction

1.1 General

- 1.1.1 This document forms Appendix 6.2.2 of the Preliminary Environmental Information Report (PEIR) prepared on behalf of Gatwick Airport Limited (GAL). The PEIR presents the preliminary findings of the Environmental Impact Assessment (EIA) process for the proposal to make best use of Gatwick Airport's existing runways (referred to within this report as 'the Project'). The Project proposes alterations to the existing northern runway which, together with the lifting of the current restrictions on its use, would enable dual runway operations. The Project includes the development of a range of infrastructure and facilities which, with the alterations to the northern runway, would enable the airport passenger and aircraft operations to increase. Further details regarding the components of the Project can be found in the Chapter 5: Project Description.
- 1.1.2 This document provides the Appendix 6.2.2: Schedule 4 of the Infrastructure Planning (EIA) Regulations 2017, as amended: Information for Inclusion in Environmental Statements.

2 Schedule 4 of the EIA Regulations 2017: Information for Inclusion in Environmental Statements

Required Information		Location within PEIR
1. A description of the development, including in particular -	a) a description of the location of the development;	Chapter 4: Existing Site and Operation
	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: Project Description
	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: Project Description
	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.	Chapter 5: Project Description; Chapter 6: Approach to Environmental Assessment; Chapter 10: Geology and Ground Conditions; Chapter 11: Water Environment; Chapter 13: Air Quality; Chapter 14: Noise and Vibration
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 3: Need and Alternatives Considered
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.		Chapters 4 to 20
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.		Chapters 7 to 20
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;	Chapter 5: Project Description

Required Information	Location within PEIR
	Chapter 7 to 20
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;	Chapter 6: Approach to Environmental Assessment; Chapter 10: Geology and Ground Conditions; Chapter 13: Air Quality; Chapter 14: Noise and Vibration; Appendix 5.3.2: Waste Strategy
d) the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);	Chapter 7: Historic Environment; Chapter 17: Health and Wellbeing; Appendix 5.3.3: Major Accidents and 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;	Chapter 19: Cumulative effects and Inter-relationships
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;	Chapter 15: Climate Change and Carbon
g) the technologies and the substances used.	Chapter 5: Project Description; Chapter 7 to 20
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).	Chapter 7 to 20
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.	Chapter 7 to 20
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.	Chapter 5: Project Description; Chapter 7 to 20
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 5.3.3: [Major Accidents and Disasters]
9. A non-technical summary of the information provided under paragraphs 1 to 8.	Non-Technical Summary
10. A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.	Chapter 1 to 20

3 References

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

4 Glossary

4.1 Glossary of terms

Term	Description
EC	European Commission
EEC	European Economic Community
EIA	Environmental Impact Assessment
EU	European Union
GAL	Gatwick Airport Limited
PEIR	Preliminary Environmental Information Report
UK	United Kingdom