



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement – Volume 3 –
Appendix 1.1 Requirements of the EIA
Regulations and their location within the ES

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations
2009 – Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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CONTENTS

APPENDIX 1.1 REQUIREMENTS OF THE EIA REGULATIONS AND THEIR LOCATION WITHIN THE ES	1
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TABLES

Table 1 - Requirements of the EIA Regulations and their Location within the ES	1
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APPENDIX 1.1 REQUIREMENTS OF THE EIA REGULATIONS AND THEIR LOCATION WITHIN THE ES

Table 1 - Requirements of the EIA Regulations and their Location within the ES

Location in Regulations	Requirement	Location within this ES
<p>Regulation 14(2)(a) and Schedule 4(1)</p>	<p>Regulation 14 (2)(a) a description of the proposed development comprising information on the site, design, size and other relevant features of the development;</p> <p>Schedule 4 (1) A description of the development, including in particular—</p> <p>(a) a description of the location of the development;</p> <p>(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;</p> <p>(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;</p>	<p>Chapter 3 (Description of the Proposed Development) of the Environmental Statement ('ES') Volume 1 (Document Reference 6.1.3)</p>

	<p>(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.</p>	
<p>Regulation 5(2), 14(2) (b), and Schedule 4(4) and (6)</p>	<p>Regulation 5(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—</p> <ul style="list-style-type: none"> (a) population and human health; (b) biodiversity, with particular attention to species and habitats protected under Directive 92/43/EEC(1) and Directive 2009/147/EC(2); (c) land, soil, water, air and climate; (d) material assets, cultural heritage and the landscape; (e) the interaction between the factors referred to in sub-paragraphs (a) to (d). <p>Regulation 14 (2)(b) a description of the likely significant effects of the proposed development on the environment;</p> <p>Schedule 4 (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</p>	<p>Chapters 6 – 28 (Technical Chapters) of the ES Volume 1 (Document References 6.1.6 – 6.1.28)</p>

	<p>adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape.</p> <p>Schedule 4 (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>	
Schedule 4(3)	<p>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.</p>	<p>Chapters 6 – 28 (Technical Chapters)</p>
Regulation 5(3), 14(2)(c) and Schedule 4(7)	<p>Regulation 5(3) The effects referred to in [Regulation 5] 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.</p> <p>Regulation 14(2)(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;</p> <p>Schedule 4(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</p>	<p>Chapters 6 – 28 (Technical Chapters)</p>

	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.	
Regulation 14(2)(d) and Schedule 4(2)	<p>Regulation 14(2)(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;</p> <p>Schedule 4(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.</p>	Chapter 2 (Consideration of Alternatives) of the ES Volume 1 (Document Reference 6.1.2)
Regulation 14(2)(e) and Schedule 4(9)	<p>Regulation 14(2)(e) a non-technical summary of the information referred to in sub-paragraphs (a) to (d); and</p> <p>Schedule 4(9) A non-technical summary of the information provided under paragraphs 1 to 8.</p>	Non-Technical Summary of the ES Volume 4 (Document Reference 6.4)
Schedule 4(10)	A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.	Reference list at the end of each chapter

Regulation 14(2)(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.	Chapters 6 – 28 (Technical Chapters)
Schedule 4(5)(a)	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;	Chapters 6 – 28 (Technical Chapters)
Schedule 4(5)(b)	A description of the likely significant effects of the development on the environment resulting from, inter alia— (b) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;	Chapters 6 – 12, 16 – 20 and 28 (Technical Chapters)
Schedule 4(5)(c)	A description of the likely significant effects of the development on the environment resulting from, inter alia— (c) the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste;	Chapters 6 - 13, 16 - 20, 23 – 24, 26 and 28 (Technical Chapters)
Schedule 4(5)(d) and 4(8)	Schedule 5(4) The significant effects to be identified, described and assessed under [Schedule 5] paragraph (2) include, where relevant, the expected significant effects arising from the vulnerability of the proposed development to major accidents or disasters that are relevant to that development. Schedule 4(5)(d) A description of the likely significant effects of the development on the environment resulting from, inter alia—	Chapters 14, 18 - 21, 23 - 24, 26 and 28 – 29 (Technical Chapters)

	<p>(d) the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);</p> <p>Schedule 4(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(3) 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.</p>	
<p>Schedule 4(5)(e)</p>	<p>A description of the likely significant effects of the development on the environment resulting from, inter alia—</p> <p>(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;</p>	<p>Chapter 29 (Cumulative Effects) of the ES Volume 1 (Document Reference 6.1.29)</p>

<p>Schedule 4(5)(f)</p>	<p>A description of the likely significant effects of the development on the environment resulting from, inter alia— (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;</p>	<p>Chapter 28 (Carbon and Climate Change)</p>
<p>Schedule 4(5)(g)</p>	<p>A description of the likely significant effects of the development on the environment resulting from, inter alia— (g) the technologies and the substances used.</p>	<p>Chapter 3 (Description of the Proposed Development) and Chapters 6 – 28 (Technical Chapters)</p>
<p>Regulation 14(4)(b)</p>	<p>A statement from the Applicant outlining the relevant expertise or qualifications of such experts.</p>	<p>Chapter 1 (Introduction) of the ES Volume 1 (Document Reference 6.1.1).</p>

