

H2Teesside Project

Planning Inspectorate Reference: EN070009

Land within the boroughs of Redcar and Cleveland and Stockton-on-Tees, Teesside and within the borough of Hartlepool, County Durham

The H2 Teesside Order

Document Reference: 1.2 Application Guide

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017



Applicant: H2 Teesside Ltd

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GLOSSARY

ABBREVIATION	DESCRIPTION
APFP Regulations	The infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (As amended).
Applicant	H2 Teesside Limited.
CCUS	Carbon Capture, Usage and Storage - is group of technologies designed to reduce the amount of carbon dioxide (CO ₂) released into the atmosphere from coal and gas power stations as well as heavy industry including cement and steel production. Once captured, the CO ₂ can be either re-used in various products, such as cement or plastics (usage), or stored in geological formations deep underground (storage).
CO ₂	Carbon Dioxide - an inorganic chemical compound with a wide range of commercial uses.
DESNZ	Department for Energy Security and Net Zero.
DCO	A Development Consent Order made by the relevant Secretary of State pursuant to The Planning Act 2008 to authorise a Nationally Significant Infrastructure Project. A DCO can incorporate or remove the need for a range of consents which would otherwise be required for a development. A DCO can also include rights of compulsory acquisition.
ECC	East Coast Cluster.
EIA	Environmental Impact Assessment - a term used for the assessment of environmental consequences (positive or

ABBREVIATION	DESCRIPTION
	negative) of a plan, policy, program or project prior to the decision to move forward with the proposed action.
EIA Regulations	The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (As amended).
ES	Environmental Statement - a report in which the process and results of an Environment Impact Assessment are documented.
GWth	Gigawatts thermal.
ha	Hectares.
H2T	The H2Teesside Project.
km	Kilometres.
MLWS	Mean Low Water Springs - the height of the mean low water springs is the average height obtained by the two successive low waters during those periods of 24 hours when the range of the tide is at its greatest.
MWth	Megawatts thermal.
NEP	Northern Endurance Partnership.
NSIP	Nationally Significant Infrastructure Project - defined by the Planning Act 2008 and covering projects relating to energy (including generating stations, electric lines and pipelines); transport (including trunk roads and motorways, airports, harbour facilities, railways and rail freight interchanges); water (dams and reservoirs, and the transfer of water resources); waste water treatment plants and hazardous waste facilities. These projects are only defined as nationally significant if they satisfy a statutory threshold in terms of their scale or effect.
NZT	The Net Zero Teesside Project.
Order	The H2 Teesside Order - the name of the DCO being sought for the Proposed Development.
PA 2008	The Planning Act 2008 - setting out the legislative regime for Nationally Significant Infrastructure Projects.
PINS	The Planning Inspectorate - an executive agency of the Department for Levelling Up, Housing and Communities responsible for administering DCO applications on behalf of the relevant Secretary of State.

ABBREVIATION	DESCRIPTION
Proposed Development	The H2Teesside Project.
SoS	Secretary of State - the decision maker for DCO applications and head of a UK Government department.
STDC	South Tees Development Corporation - a Mayoral Development Corporation responsible for approximately 400 hectares of land south of the River Tees in the borough of Redcar and Cleveland.

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1.0 INTRODUCTION

1.1 Background

1.1.1 This Application Guide (Document Ref. 1.2) has been prepared on behalf of H2 Teesside Limited. It forms part of the application (the 'Application') for a Development Consent Order (a 'DCO'), that was submitted to the Secretary of State (the 'SoS') for the Department for Energy Security and Net Zero ('DESNZ') on 25 March 2024, under Section 37 of 'The Planning Act 2008' (the 'PA 2008') in respect of the H2 Teesside Project (the 'Proposed Development').

1.1.2 The Applicant is H2 Teesside Limited, a bp company. H2 Teesside Limited will be the lead developer of the Proposed Development and bp will be appointed as the operator of the Proposed Development. The Proposed Development will support the decarbonisation of UK-produced natural gas by converting it to low carbon hydrogen in Teesside for use in industrial applications, thus helping to achieve national targets in relation to net zero. It will also contribute to restoring manufacturing jobs in the Tees Valley. The Proposed Development will export carbon dioxide (CO₂) to the Northern Endurance Partnership ('NEP') offshore storage facility via NEP infrastructure on the adjacent Net Zero Teesside ('NZT') site, including the high-pressure compression facility and the CO₂ export pipeline.

1.1.3 The Applicant is seeking development consent for the construction, operation, maintenance and decommissioning of the Proposed Development, including associated development on land within the boroughs of Redcar and Cleveland and Stockton-on-Tees, Teesside and within the borough of Hartlepool, County Durham.

1.1.4 The Application was accepted for examination by the SoS for DESNZ on 22 April 2024.

1.2 The Development Consent Process

1.2.1 Under the PA 2008, development consent can be granted in the form of a DCO for certain types of Nationally Significant Infrastructure Projects ('NSIPs') by the relevant SoS – in the case of energy infrastructure projects, this is the SoS for DESNZ.

1.2.2 However, the Proposed Development does not fall within any of the categories of NSIPs under Section 14 of the PA 2008 as:

- gas production facilities are not mentioned as a category of NSIPs; and
- in respect of the Hydrogen Pipeline Corridor, further to the Energy Act 2023 and recent Government consultations, the Government intends that hydrogen distribution will require a gas transporter licence. As such consideration needs to be given to the Section 14

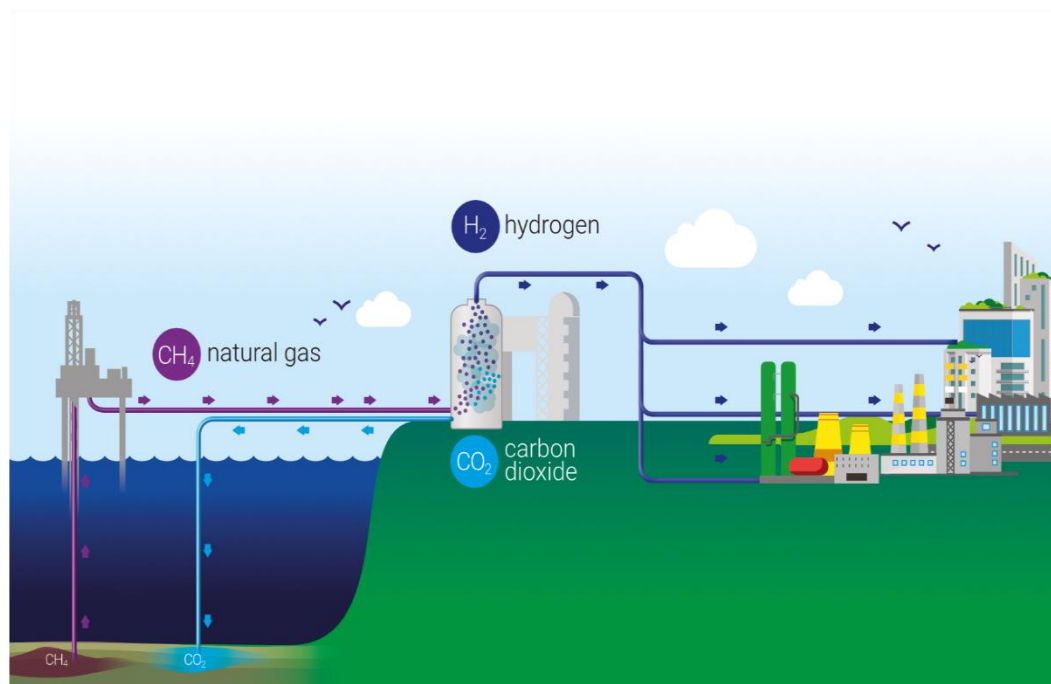
category of gas transporter pipe-lines, the criteria of which are defined by Section 20 of the PA 2008. The Hydrogen Pipeline Corridor proposed as part of the Proposed Development does not meet those Section 20 criteria.

- 1.2.3 It is noted that in the earlier stages of development of the Proposed Development, prior to the Government legislating the Energy Act 2023, the Applicant had also considered the Section 14 category of “*construction of a pipe-line other than by a gas transporter*”, being, pursuant to section 21 of the PA 2008, that which would require “*authorisation under ... the Pipe-Lines Act 1962*”. According to the Pipe-Lines Act 1962, a cross-country pipeline means a pipeline whose length exceeds, or is intended to exceed 16.093 kilometres (‘km’) (i.e. 10 miles). At that earlier stage, it was noted that it was likely that the Proposed Development’s Hydrogen Pipeline Corridor would meet that distance threshold and thus could potentially be a NSIP, but that this was not definitive.
- 1.2.4 In light of this, and given the national significance of the Proposed Development and the desire to ensure that all aspects of the Proposed Development could be consented together the Applicant sought direction under Section 35 of the PA 2008 from the SoS for the Hydrogen Production Facility and the Hydrogen Pipeline Corridor (to the extent that the latter is not automatically a NSIP, which further to the Energy Act 2023, is now the entire corridor) to be treated as development for which development consent is required.
- 1.2.5 On 22 December 2022, the SoS took the decision within the conditions as required by Section 35A of the PA 2008 to issue a Direction in these terms. The other elements of the Proposed Development are being brought forward as ‘associated development’ to that development.
- 1.2.6 As a result of the above, the Applicant is required to obtain a DCO to authorise the Proposed Development under the PA 2008. Section 37 governs the form and content of the documents that are required as part of a DCO application. The requirements are implemented through ‘The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended)’ (the ‘APFP Regulations’), which, amongst other things, state that an application must be accompanied by an Environmental Statement (‘ES’), where a development requires an Environmental Impact Assessment (‘EIA’) (also known as an ‘EIA development’) under ‘The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended)’ (the ‘EIA Regulations’).
- 1.2.7 Development consent is required for the Proposed Development as it is the subject of a Direction dated 22 December 2022 made by the SoS under Sections 35(1) and 35ZA of the PA 2008 and other parts of the Proposed Development are associated development. The DCO, if made by the SoS, would be known as ‘The H2 Teesside Order’ (the ‘Order’).
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1.3 Overview of the Proposed Development

- 1.3.1 The Proposed Development will use natural gas to produce hydrogen (known as 'blue' hydrogen) with the CO₂ created during the hydrogen production process being captured and compressed for onward transportation and storage, under agreement with NEP. NEP will store the CO₂ securely below ground within the Endurance storage site and other nearby CO₂ stores that NEP holds CO₂ storage licences for. These are located approximately 145 km offshore from Teesside under the North Sea.
- 1.3.2 The onshore elements of the NEP infrastructure on Teesside are part of the Net Zero Teesside ('NZZ') Project and have been the subject of an application for development consent. The SoS for DESNZ granted the NZZ development consent application on 16 February 2024. The NZZ DCO came into force on 11 March 2024.
- 1.3.3 The Proposed Development and NEP form part of the East Coast Cluster ('ECC'). The ECC has been selected as one of the first two carbon capture, usage and storage ('CCUS') clusters to be taken forward by the UK Government. The ECC has the potential to remove almost 50% of the UK's total industrial clusters carbon dioxide emissions, protect thousands of jobs and establish the region as a globally competitive climate friendly hub for industry and innovation. The ECC will include a diverse mix of low-carbon projects, including industrial carbon capture, low-carbon hydrogen production, negative emissions power, and power with carbon capture. In March 2023, the Proposed Development was selected by DESNZ as one of the first three projects to connect to the ECC.
- 1.3.4 The low-carbon hydrogen produced by the Proposed Development will be supplied via a new hydrogen pipeline network to existing businesses on Teesside. By replacing the use of natural gas the Proposed development will help existing heavy industry on Teesside reduce its carbon dioxide emissions, consistent with the Government's objective to decarbonise the UK economy and achieve its legally binding target of net zero greenhouse gas emissions by 2050.
- 1.3.5 The Proposed Development will be one of the UK's largest blue hydrogen production facilities with a capacity of up to approximately 1.2 gigawatts ('GW') thermal, representing more than 10% of the Government's hydrogen production target of 10 GW by 2030. This equates to the production of approximately 160,000 tonnes of low carbon hydrogen per annum, with up to two million tonnes of CO₂ being captured and stored each year.
- 1.3.6 The infographic below in Figure 1.1 provides an overview of the 'blue' hydrogen processes.

Figure 1.1: Blue Hydrogen Processes



1.4 Proposed Development Description

1.4.1 The Proposed Development comprises the following main elements:

- **Work Number ('No.') 1** – a Hydrogen Production Facility of up to approximately 1.2 gigawatts thermal ('GWth') lower heating value, including two carbon capture enabled hydrogen units each of 600 megawatts thermal ('MWth'), including a water and effluent treatment plant; above ground hydrogen storage; administration, control room and stores; gas and power connections, above ground installations and ancillary works.
- **Work No. 2** – a natural gas supply connection for the transport of natural gas to Work No. 1.
- **Work No. 3** – electrical connection works for the import of electricity from the electricity transmission network to Work No. 1.
- **Work No. 4** – water supply connection works to provide cooling and make-up water to Work No. 1.
- **Work No. 5** – wastewater disposal works in connection with Work No. 1.
- **Work No. 6** – a hydrogen distribution network (the 'Hydrogen Pipeline Corridor', for the transport of hydrogen gas from Work No. 1, comprising underground and overground pipelines to supply hydrogen to the above ground storage and offtakers across Teesside. The hydrogen pipelines will run up to tie-in points with the relevant offtaker (likely to be, but not necessarily having to be)

at the offtakers' site boundaries. Any works beyond this tie-in point will be progressed separately by the relevant offtaker.

- **Work No. 7** – a high pressure carbon dioxide export pipeline for the export of the captured CO₂ from Work No. 1 to the adjacent NEP infrastructure.
- **Work No. 8** – gas connections being works for the transport of oxygen and nitrogen to Work No. 1.
- **Work No. 9** – temporary construction and laydown areas and contractor compounds.
- **Work No. 10** – access and highways improvement works.
- **Work No. 11** – replacement land relating to Work No. 6.

1.4.2 There will also be further development works associated with the above elements of the Proposed Development.

1.4.3 It is envisaged that the Hydrogen Production Facility will be constructed in two phases.

1.4.4 A description of the elements of the Proposed Development and the Works Nos. is set out at Schedule 1 of the draft DCO (Application Document Ref. 4.1). The ancillary and further development required in connection with and subsidiary to the above elements of the Proposed Development is also detailed at Schedule 1 of the draft DCO.

1.4.5 A more detailed description of the Proposed Development and how it will operate is provided at Chapter 4 'Proposed Development' of the Environmental Statement ('ES') Volume I (Document Ref. 6.2) and the areas within which each of the main elements of the Proposed Development are to be built are denoted by the coloured and hatched areas on the Works Plans (Document Ref. 2.4).

1.5 The Proposed Development Site

1.5.1 The Proposed Development Site (the 'Site') lies within the administrative boundaries of the boroughs of Redcar and Cleveland south of the River Tees and Stockton-on-Tees north of the Tees on Teesside and within the borough of Hartlepool in County Durham, also north of the Tees.

1.5.2 The Site extends to a total area of approximately 507 hectares ('ha').

1.5.3 The Hydrogen Production Facility and its ancillary development (also referred to as the 'Main Site'), including its carbon capture and compression facilities, will be located on part of the Foundry, which forms part of Teesworks, within the borough of Redcar and Cleveland and which is adjacent to the NEP infrastructure. Teesworks is a major brownfield industrial site and Freeport, part of which was formerly occupied by the Redcar Steel Works.

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- 1.5.4 The CO₂ captured from the hydrogen production processes will be transported by pipeline to the NEP infrastructure for onward transport and storage within the Endurance storage site. The Main Site extends to 86 ha.
- 1.5.5 The natural gas, electrical and water connections will be located to the east and south-east of the Main Site within the borough of Redcar and Cleveland. The hydrogen distribution network will extend either side of the River Tees to several potential industrial offtakers, including north of the Tees into the boroughs of Stockton-on-Tees and Hartlepool.
- 1.5.6 A more detailed description of the Site and its surroundings is provided at Chapter 3 ‘Description of the Existing Area’ in the ES Volume 1 (Document Ref. 6.2).
- 1.6 The Purpose and Structure of this Document**
- 1.6.1 The purpose of this Application Guide is to list the documents (the ‘Application Documents’) that make up the Application submitted to the SoS. In addition, it sets out how the Application Documents submitted comply with relevant legislative and policy requirements and guidance.
- 1.6.2 The Application Guide will be updated by the Applicant, as required, during the examination of the Application and the documents that have been superseded will be clearly identified as such.
- 1.6.3 The Application Guide has been prepared in accordance with guidance set out in the Planning Inspectorate’s Advice Note 6 ‘Preparation and submission of application documents’ (Version 11).
- 1.6.4 The Application Documents are listed in Section 2.0 of this document.

2.0 APPLICATION DOCUMENTS

- 2.1.1 The Application Documents have been grouped into appropriate categories, taking account of the Planning Inspectorate's Advice Note 6 'Preparation and submission of application documents' (Version 11), and each has been given its own document reference in Table 2.1 below.
- 2.1.2 In addition to listing the Application Documents submitted, Table 2.1 also identifies where these have been provided to comply with relevant legislative and policy requirements and guidance. The legislative requirements for DCO applications are principally contained in the PA 2008, the APFP Regulations and the EIA Regulations.
- 2.1.3 Regulation 5 in the APFP Regulations lists the documents that all DCO applications must include. Regulation 5 includes a category (Reg. 5(2)(q)) described as "*any other documents considered necessary to support the application*". Similarly, Regulation 5 (Reg. 5(2)(o)) also allows applicants to submit other plans, drawings and sections which are considered necessary to describe the development. The documents, plans and drawings that have been provided by the Applicant under these categories of Regulation 5 are therefore not statutorily required but are those which it considers are necessary to explain and support the Application.
- 2.1.4 APFP Regulation 6 sets out a number of documents that particular types of DCO application must include. The Proposed Development includes the Hydrogen Pipeline Corridor (hydrogen distribution network pipelines) and therefore a Pipelines Statement (Document Ref. 5.5) has been prepared in accordance with Regulation 6(4) in relation to this part of the Proposed Development.
- 2.1.5 The Application submitted for the Proposed Development is considered to comply with the statutory requirements of the PA 2008 and the APFP and EIA Regulations. Furthermore, the Application complies with the policy requirements under relevant National Policy Statements and applicable SoS and other guidance.

Table 2.1: Application Documents

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
Category 1.0	Application Form and related documents		Rev. 0 March 2024 unless stated
1.1	Application Cover Letter	APFP Reg. 5(2)(q)	
1.2	Application Guide (this document)	APFP Reg. 5(2)(q)	Rev. 1 May 2024
1.3	Application Form	Section 37(3)(b) and APFP Reg. 5(1)	
1.4	Notices for Statutory Publicity	APFP Reg. 5(2)(q), PINS Advice Note 6 and Application Form (Boxes 8(b) and 14(c))	
1.5	Section 55 Checklist	APFP Reg. 5(2)(q)	
1.6	Applicant's response to PINS comments on draft Application Documents	APFP Reg. 5(2)(q)	
1.7	Applicant's Response to PINS Section 51 Advice and Section 55 Checklist	APFP Reg. 5(2)(q)	Rev. 1 May 2024
Category 2.0	Plans, Drawings and Sections		Rev. 0 March 2024 unless stated
2.1	Location Plan (Key Plan and Sheets 1-11)	APFP Reg.5(2)(o)	
2.2	Land Plans (Key Plan and Sheets 1-21)	APFP Reg.5(2)(i)	Rev. 1 May 2024

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
2.3	Special Category Land and Crown Land Plans (Key Plan and Sheets 1-6)	APFP Reg. 5(2)(n) and 5(2)(i)(iv)	Rev. 1 May 2024
2.4	Works Plans (Key Plan and Sheets 1-44)	APFP Reg. 5(2)(j)	Rev. 1 May 2024
2.5	Access and Rights of Way Plans (Key Plan and Sheets 1-11)	APFP Reg. 5(2)(k)	Rev. 1 May 2024
2.6	Indicative Hydrogen Production Facility and Above Ground Installations Plan	APFP Reg. 5(2)(o)	
2.7	Indicative Natural Gas Connection and Above Ground Installations Plans (Key Plan and Sheets 1-3)	APFP Reg. 5(2)(o)	Rev. 1 May 2024
2.8	Indicative Electrical Connection Plan	APFP Reg. 5(2)(o)	
2.9	Indicative Water Connections Plan	APFP Reg. 5(2)(o)	
2.10	Indicative Hydrogen Distribution Network Plans (Key plan and Sheets 1-16)	APFP Reg. 5(2)(o)	Rev. 1 May 2024
2.11	Indicative CO ₂ Export Pipeline Plan	APFP Reg. 5(2)(o)	
2.12	Indicative Surface Water Drainage Plan	APFP Reg. 5(2)(o)	
2.13	Temporary Traffic Regulation Measures Plan (Key Plan and Sheets 1-11)	APFP Reg. 5(2)(o)	Rev. 1 May 2024
2.14	H2Teesside and NZT Main Site Shared Area Plan	APFP Reg. 5(2)(o)	

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
2.15	Important Hedgerows to be Removed Plan	APFP Reg. 5(2)(o)	Rev. 1 May 2024
2.16	Indicative Industrial Gases Connection Plans (Key Plan and Sheets 1-2)	APFP Reg. 5(2)(o)	Rev. 1 May 2024
Category 3.0	Land information / Compulsory Acquisition Information		Rev. 0 March 2024 unless stated
3.1	Book of Reference (Parts 1-5)	APFP Reg. 5(2)(d) & Reg. 7	Rev. 1 May 2024
3.2	Statement of Reasons	APFP Reg. 5(2)(h) & Reg. 5(2)(n)	
3.3	Funding Statement	APFP Reg. 5(2)(h)	
3.4	Schedule of Negotiations and Powers Sought	APFP Reg. 5(2)(h) and Reg. 5(2)(q)	
Category 4.0	Draft Development Consent Order		Rev. 0 March 2024 unless stated
4.1	Draft Development Consent Order (clean and tracked versions)	APFP Reg. 5(2)(b)	Rev. 1 May 2024
4.2	Explanatory Memorandum	APFP Reg. 5(2)(c)	
4.3	Statutory Instrument Validation Statement	APFP Reg. 5(2)(q)	
Category 5.0	Reports and Statements		Rev. 0 March 2024 unless stated

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
5.1	Consultation Report	Section 37(3)(c) & 37(7) PA 2008 and DCLG PA 2008 Guidance on the pre-application process (paras 78-84)	Rev. 1 May 2024
5.2	Planning Statement	APFP Reg. 5(2)(q) and PINS Advice Note 6	
5.2.1	Planning Statement – Planning Policy Assessment Tables	APFP Reg. 5(2)(q) and PINS Advice Note 6	
5.3	Need Statement	APFP Reg. 5(2)(q)	
5.4	Design and Access Statement	APFP Reg. 5(2)(q), Overarching National Policy Statement ('NPS') for Energy (EN-1) – 4.7 and PINS Advice Note 6	
5.5	Pipelines Statement	APFP Reg. 5(2)(p), Reg. 6(4)	
5.6	Statutory Nuisance Statement	APFP Reg. 5(2)(f)	
5.7	Other Consents and Licences Statement	APFP Reg. 5(2)(q) and PINS Advice Note 6	
5.8	Indicative Lighting Strategy (Operation)	APFP Reg. 5(2)(q)	

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
5.9	Outline Landscape and Biodiversity Management Plan	APFP Reg. 5(2)(q) and EN-1 – 5.10	
5.10A	Report to Inform Habitats Regulations Assessment (CONFIDENTIAL)	APFP Reg 5(2)(g)	Rev. 1 May 2024
5.10	Report to Inform Habitats Regulations Assessment (REDACTED)	APFP Reg 5(2)(g)	Rev. 1 May 2024
5.11	Schedule of Operational Mitigation and Monitoring	APFP Reg. 5(2)(q)	
5.12	Framework Construction Environmental Management Plan	APFP Reg. 5(2)(q)	
5.12.1	Appendix A: Outline Site Waste Management Plan	APFP Reg. 5(2)(q)	
5.12.2	Appendix B: Outline Water Management Plan	APFP Reg. 5(2)(q)	
5.12.3	Appendix C: Indicative Lighting Strategy (Construction)	APFP Reg. 5(2)(q)	
5.13	Nutrient Neutrality Assessment	APFP Reg. 5(2)(q)	
5.14	Water Framework Directive Assessment	APFP Reg. 5(2)(e)	
5.15	Framework Construction Workers Travel Plan	APFP Reg. 5(2)(q)	
5.16	Framework Construction Traffic Management Plan	APFP Reg. 5(2)(q)	
Category 6.0	Environment Impact Assessment Information		Rev. 0 March 2024 unless stated

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
6.1	Non-Technical Summary	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2	Environmental Statement Volume I (Cover and Contents)	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.1	Chapter 1: Introduction	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.2	Chapter 2: Assessment Methodology	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.3	Chapter 3: Description of the Existing Area	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.4	Chapter 4: Proposed Development	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.5	Chapter 5: Construction Programme and Management	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.6	Chapter 6: Alternatives and Design Evolution	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.7	Chapter 7: Planning Policy Context	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.8	Chapter 8: Air Quality	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.9	Chapter 9: Surface Water, Flood Risk and Water Resources	APFP Reg. 5(2)(a) & (l) and EIA Reg. 14	

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
6.2.10	Chapter 10: Geology, Hydrogeology and Contaminated Land	APFP Reg. 5(2)(a) & (l) and EIA Reg. 14	
6.2.11	Chapter 11: Noise and Vibration	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.12	Chapter 12: Ecology and Nature Conservation (including aquatic ecology)	APFP Reg. 5(2)(a) & (l) and EIA Reg. 14	
6.2.13A	Chapter 13: Ornithology (CONFIDENTIAL)	APFP Reg. 5(2)(a) & (l) and EIA Reg. 14	
6.2.13	Chapter 13: Ornithology (REDACTED)	APFP Reg. 5(2)(a) & (l) and EIA Reg. 14	
6.2.14	Chapter 14: Marine Ecology	APFP Reg. 5(2)(a) & (l) and EIA Reg. 14	
6.2.15	Chapter 15: Traffic and Transport	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.16	Chapter 16: Landscape and Visual Amenity	APFP Reg. 5(2)(a) & (l) and EIA Reg. 14	
6.2.17	Chapter 17: Cultural Heritage	APFP Reg. 5(2)(a) & (m) and EIA Reg. 14	
6.2.18	Chapter 18: Socio-economics and Land Use	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.19	Chapter 19: Climate Change	APFP Reg. 5(2)(a) and EIA Reg. 14	

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
6.2.20	Chapter 20: Major Accidents and Disasters	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.21	Chapter 21: Materials and Waste Management	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.22	Chapter 22: Human Health	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.23	Chapter 23: Cumulative and Combined Effects	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.2.24	Chapter 24: Summary of Significant Effects	APFP Reg. 5(2)(a) and EIA Reg. 14	
6.3	ES Volume II (Figures) Cover and Contents	All APFP Reg. 5(2)(a) & (o) and EIA Reg. 14 unless stated (APFP Regs cited below are in addition)	
6.3.1	Figure 1-1: Proposed Development Location	-	
6.3.2	Figure 3-1: Environmental Constraints within 1 km of the Proposed Development Site Boundary	APFP Regs. 5(2)(l)	
6.3.3	Figure 3-2: Water Constraints within 5 km of the Proposed Development Site Boundary	APFP Regs. 5(2)(l)	
6.3.4	Figure 3-3: Non-Statutory Ecological Constraints within 1 km of the	APFP Regs. 5(2)(l)	

APPLICATION DOCUMENT REFERENCE	APPLICATION DOCUMENT NAME	STATUTORY/ OTHER REQUIREMENT	REVISION NO./ DATE
	Proposed Development Site Boundary		
6.3.5	Figure 3-4: Statutory Designated Ecological Sites within 15 km of the Proposed Development Site Boundary	APFP Regs. 5(2)(l)	
6.3.6	Figure 4-1: Proposed Development Site (including location of the Main Site)	-	
6.3.7	Figure 4-2: Parts of the Proposed Development Site	-	
6.3.8	Figure 4-3: CO2 Export Corridor	-	
6.3.9	Figure 4-4: Hydrogen Pipeline Corridor	-	
6.3.10	Figure 4-5: Natural Gas Connection Corridor	-	
6.3.11	Figure 4-6: Electrical Connection Corridor	-	
6.3.12	Figure 4-7: Water Connections Corridor	-	
6.3.13	Figure 4-8: Other Gases Connection Corridor (O2 and N2)	-	
6.3.14	Figure 5-1: Construction Access and Temporary Compounds	-	
6.3.15	Figure 5-2: Indicative Pipeline Routing	-	
6.3.16	Figure 6-1: Proposed Development Site Evolution	-	

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6.3.66	Figure 12-1: Statutory Designated Sites within 15 km	APFP Regs. 5(2)(l)	Rev. 1 May 2024
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6.3.101	Figure 23-1: Zones of Influence for Cumulative Effects Assessment	-	
6.3.102	Figure 23-2: Long List of Other Developments	-	
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6.4	ES Vol III (Appendices) Cover and Contents	All APFP Reg. 5(2)(a) & (o) and EIA Reg. 14 unless stated (APFP Regs cited below are in addition)	
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6.4.9	Appendix 9A: Flood Risk Assessment	APFP Reg. 5(2)(e)	
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6.4.12	Appendix 10B: Contaminated Land Conceptual Site Model	-	
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6.4.18	Appendix 12A: Phase 1 Habitat and Botanical Survey Report	-	Rev. 1 May 2024
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6.4.24	Appendix 12G: Aquatic Ecology Survey Report	APFP Reg. 5(2)(l)	
6.4.25A	Appendix 13A: Ornithology Baseline Report (CONFIDENTIAL)	APFP Reg. 5(2)(l)	
6.4.25	Appendix 13A: Ornithology Baseline Report (REDACTED)	APFP Reg. 5(2)(l)	
6.4.26	Appendix 15A: Transport Assessment.	-	

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6.4.27	Appendix 16A: Landscape and Visual Methodology	-	
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6.4.29	Appendix 16C: Potential Viewpoints	-	
6.4.30	Appendix 17A: Cultural Heritage Desk Based Assessment	APFP Reg. 5(2)(m)	
6.4.31	Appendix 19A: Climate Change Resilience Assessment	-	
6.4.32	Appendix 19B: In-Combination Climate Change Impact Assessment	-	
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6.4.34	Appendix 20B: Hazardous Substances Consent Flowchart	-	
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6.4.36	Appendix 21A: Minimum Liquid Discharge Waste Sites	-	
6.4.37	Appendix 23A: Other developments within the search area	-	
6.4.38	Appendix 23B: Assessment of Cumulative Effects – Stages 1-2	-	

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6.4.39	Appendix 23C: Shortlist of other developments within the Search Area	-	
6.4.40	Appendix 23D: Stage 4 - Assessment of Cumulative and Combined Effects	-	
6.4.41	Appendix 23E: Socio-economic Cumulative Assessment	-	