

**Application for Development Consent for
Nationally Significant Infrastructure Projects
under the Planning Act 2008**

* required information

Application Form

Please read guidance documents relating to the submission of applications prior to completing this form including [government guidance](#) and the Planning Inspectorate's [Advice Note Six: Preparation and submission of application documents](#).

* Do you have a reference number?

 Yes No* Reference number **1. Applicant*** Organisation **Address*** Building number or name * Street * City or town County or administrative area * Postcode * Country * Name of contact * Telephone number Fax number * Email **2. Agent**

* Are you an agent acting on behalf of the Applicant?

 Yes No* Organisation

Continued from previous page...

Address

* Building number or name	<input type="text" value="6"/>
* Street	<input type="text" value="New Bridge Street"/>
* City or town	<input type="text" value="London"/>
County or administrative area	<input type="text"/>
* Postcode	<input type="text" value="EC4V 6AB"/>
* Country	<input type="text" value="United Kingdom"/>
* Name of contact	<input type="text" value="Geoff Bullock"/>
* Telephone number	<input type="text" value="[REDACTED] or [REDACTED]"/>
Fax number	<input type="text"/>
* Email	<input type="text" value="[REDACTED]"/>

3. Fee

* State the arrangement for the application fee payment:

BACS CHAPS Cheque

* Please provide payment reference details

4. Confirming why the Planning Inspectorate should receive the application

* Brief statement to explain why this application is, or is to be treated as, a development for which development consent is required under the Planning Act 2008

The Proposed Development will be a full chain Carbon Capture, Usage and Storage ('CCUS') project comprising a number of elements, including a new gas-fired electricity generating station (with an electrical output of up to 860 megawatts) with post-combustion carbon capture plant; gas, electricity and water connections (for the electricity generating station); a CO2 pipeline network (a 'gathering network') for collecting CO2 from a cluster of local industries on Teesside; a high-pressure CO2 compressor station and an onshore CO2 export pipeline.

Development consent is required for the Proposed Development as it falls within the definition and thresholds for a 'Nationally Significant Infrastructure Project' under Sections 14(1)(a) and 15 (the electricity generating station with an output of greater than 50 megawatts and its carbon capture plant), associated development under Section 115 (1)(b) of that Act (the gas, electricity and water connections) and by direction dated 17th January 2020 under Sections 35(1) and 35ZA for the 'Specified Elements' (the CO2 compressor station, CO2 gathering network and CO2 export pipeline) of the Planning Act 2008.

5. Non-technical description of the Proposed Development

* Brief non-technical description of the Proposed Development

The Proposed Development will be a full chain Carbon Capture, Usage and Storage ('CCUS') project comprising a number of elements:

- Work Number ('Work No.') 1 – a Combined Cycle Gas Turbine ('CCGT') electricity generating station with an electrical output of up to 860 megawatts and post-combustion carbon capture plant ('CCP') (the 'Low Carbon Electricity Generating Station');

Continued from previous page...

- Work No. 2 – natural gas supply connections and Above Ground Installations ('AGIs') (the 'Gas Connection');
- Work No. 3 – an electricity grid connection (the 'Electrical Connection');
- Work No. 4 – water supply connections (the 'Water Supply Connection Corridor');
- Work No. 5 – waste water disposal connections (the 'Water Discharge Connection Corridor');
- Work No. 6 – a CO₂ gathering network (including connections under the tidal River Tees) to collect and transport the captured CO₂ from industrial emitters (the industrial emitters using the gathering network will be responsible for consenting their own carbon capture plant and connections to the gathering network) (the 'CO₂ Gathering Network Corridor');
- Work No. 7 – a high-pressure CO₂ compressor station to receive and compress the captured CO₂ from the Low Carbon Electricity Generating Station and the CO₂ Gathering Network before it is transported offshore (the 'HP Compressor Station');
- Work No. 8 – a dense phase CO₂ export pipeline for the onward transport of the captured and compressed CO₂ to the Endurance saline aquifer under the North Sea (the 'CO₂ Export Pipeline');
- Work No. 9 – temporary construction and laydown areas, including contractor compounds, construction staff welfare and vehicle parking for use during the construction phase of the Proposed Development (the 'Laydown Areas'); and
- Work No. 10 – access and highway improvement works (the 'Access and Highway Works').

A detailed description of the Proposed Development is provided in Chapter 4 'The Proposed Development' of the Environmental Statement (Document Ref. 6.2) and at Schedule 1 of the draft DCO (Document Ref. 2.1).

6. Location or route of the Proposed Development



* Description of location of application site(s), or route of development (reference to appropriate plans)

The Proposed Development Site (the 'Site') lies within the administrative boundaries of both Redcar and Cleveland Borough Council ('RCBC') and Stockton-on-Tees Borough Council ('STBC'). It also partly lies within the boundary of the Teesworks area (this includes the former Redcar Steel Works Site) that is controlled by South Tees Development Corporation ('STDC'). The STDC controlled land lies within the administrative area of RCBC.

Most of the Site lies within the administrative area of RCBC, although parts of Site, including sections of the Gas Connection (for the supply of natural gas to the Low Carbon Electricity Generating Station) and the CO₂ Gathering Network Corridor cross the River Tees into the administrative area of STBC. At this location the River Tees is tidal. In addition, there are parts of the Site which extend into South Gare, Coatham Dunes/Sands and the North Sea. Those parts of the Site include areas that are below Mean Low Water Springs and which are outside the jurisdiction of either local authority being part of the UK marine area.

The Site extends to 462 hectares in area. It is relatively flat and low-lying and sits at a level of between sea level and 9 metres Above Ordnance Datum. The area surrounding the Site is largely characterised by industrial and commercial uses, although there are open areas of land to the north at South Gare and Coatham Dunes/Sands that are used for recreation and which are of nature conservation importance.

A more detailed description of the Site and its surroundings is provided at Chapter 3 'Description of the Existing Environment' of the Environmental Statement (Document Ref. 6.2).

The location of the Site is shown on the Site Location Plan (Document Ref. 4.1) and the land encompassed within its boundary is shown on the Land Plans (Document Ref. 4.2). The location and extent of the different Works Nos.

Continued from previous page...

(the Works Nos. are listed at Schedule 1 of the draft DCO - Document Ref. 2.1) is shown on the Works Plans (Document Ref. 4.4).

* Is the site a single site or a linear site?

Single site

Linear site

Grid reference

* Easting

457050

* Northing

525450

* Document reference

4.1 - Location Plan (Key Plan and Sheet 1-8)

* Document reference

4.2 - Land Plans (Key Plan and Sheets 1-14)

Remove this reference

* Document reference

4.3 - Crown Land Plans (Key Plan and Sheets 1-14)

Remove this reference

* Document reference

4.4 - Works Plans (Key Plan and Sheets 1-24)

Remove this reference

* Document reference

4.5 - Access and Rights of Way Plans (Key Plan and Sheets 1-6)

Remove this reference

Add another reference

7. Associated Development



* Associated Development is included within this application:

Yes

No

* Document reference

1.1 - Application Cover Letter

* Document reference

2.1 - Draft DCO - Schedule 1

Remove this reference

* Document reference

2.2 - Explanatory Memorandum

Remove this reference

Continued from previous page...

Add another reference

8. a) Consultation Report



* Document reference

5.1 - Consultation Report

Add another reference

8. b) Copies of newspaper notices



* Document reference

1.4 - Notices for Non-Statutory & Statutory
Publicity

Add another reference

9. Draft Development Consent Order



* Document reference

2.1 - Draft Development Consent Order

Add another reference

10. Explanatory Memorandum



* Document reference

2.2 - Explanatory Memorandum

Add another reference

11. Land Plan



* Document reference

4.2 - Land Plans (Key Plan and Sheets
1-14)

Add another reference

12. Works Plan



* Document reference

4.4 Works Plans (Key Plan and Sheets
1-24)

Add another reference

13. Compulsory Acquisition of land or an interest in land or right over land



* Issues are relevant for this application:

Yes

No

Statement of reasons
document reference

3.2 - Statement of Reasons

Add another reference

Continued from previous page...

Funding statement document reference

Book of Reference document reference

14. a) Environmental Impact Assessment (EIA) ?

* Environmental Statement (ES) required:

Yes No

* ES Document Reference

* ES Document Reference

* ES Document Reference

* ES Document Reference

14. b) Screening Opinion/ Direction and Scoping Opinion/ Direction ?

* Screening Opinion sought, or direction received:

Yes No

* Scoping Opinion sought:

Yes No

Document reference

14. c) Publicity required under Regulation 13 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (or where the transitional provisions apply, Regulation 11 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2009) ?

Continued from previous page...

In addition to publishing the notice, a copy of the notice was sent to:

* the consultation bodies

* Yes

* the persons notified to the Applicant in accordance with Regulation 11(1)(c) of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (or where the transitional provisions apply, Regulation 9(1)(c) of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2009):

Yes No, not applicable

15. European sites (to which Regulation 63 of The Conservation of Habitats and Species Regulations 2017 and/ or Regulation 28 of the Conservation of Offshore Marine Habitats and Species Regulations 2017 applies) or a Ramsar site.



* Report required for this application:

Yes No

* Document reference

5.13 - Habitats Regulations Assessment Report

Add another reference

16. A plan, with accompanying information, identifying any statutory or non statutory sites or features of nature conservation, geological or landscape importance; habitats of protected species, important habitats or other diversity features; and water bodies in a River Basin Management Plan - together with an assessment of any effects likely to be caused by the Proposed Development.



* Issues are relevant for this application:

Yes No

* Document reference

6.2.10 - ES Volume I - Chapter 10
Geology, Hydrogeology and Contaminated Land

* Document reference

6.2.12 - ES Volume I - Chapter 12
Terrestrial Ecology and Nature Conservation

Remove this reference

* Document reference

6.2.15 - ES Volume I - Chapter 15
Ornithology

Remove this reference

* Document reference

6.2.17 - ES Volume I, Chapter 17:
Landscape and Visual Amenity

Remove this reference

Continued from previous page...

* Document reference 6.2.18 - ES Volume I, Chapter 18: Cultural Heritage
Remove this reference

* Document reference 6.2.19 - ES Volume I, Chapter 19: Marine Heritage
Remove this reference

* Document reference 6.3.1 - 6.3.97 - ES Volume II Figures 1.1 - 24.3
Remove this reference

* Document reference 6.4.20 - ES Volume III - Appendix 12C: Preliminary Ecological Appraisal Report
Remove this reference

* Document reference 6.4.21 - ES Volume III - Appendix 12D: Bat Survey Report
Remove this reference

* Document reference 6.4.22 - ES Volume III - Appendix 12E: Reptile Survey Report
Remove this reference

* Document reference 6.4.24 - ES Volume III - Appendix 12G: Water Vole and Otter Survey Report
Remove this reference

* Document reference 6.4.25 - ES Volume III - Appendix 12H: Supplementary Habitat Information Report: Coatham Sands (Teemouth and Cleveland Coast SSSI)
Remove this reference

* Document reference 6.4.26 - ES Volume III - Appendix 12I Terrestrial Invertebrate Survey Coatham
Remove this reference

* Document reference 6.4.27 - ES Volume III - Appendix 12J GCN Survey Report
Remove this reference

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* Document reference

6.4.28 - ES Volume III - Appendix 13A
Aquatic Ecology Supplementary Desk
Study and Field Survey Report

Remove this reference

* Document reference

6.4.29 - ES Volume III - Appendix 14A
Intertidal Benthic Ecology Survey Report

Remove this reference

* Document reference

6.4.30 - ES Volume III - Appendix 14B
Fisheries and Fish Survey

Remove this reference

* Document reference

6.4.31 - ES Volume III - Appendix 14C
Marine Mammal Survey

Remove this reference

* Document reference

6.4.32 - ES Volume III - Appendix 14D
Sub-Tidal Benthic Ecology

Remove this reference

* Document reference

6.4.34 - ES Volume III - Appendix 15B:
Confidential Baseline Ornithology Report

Remove this reference

* Document reference

6.4.23 - ES Volume III - Appendix 12F:
Invertebrate Survey Report

Remove this reference

Add another reference

17. A plan, with accompanying information, identifying any statutory or non statutory sites or features of the historic environment such as scheduled monuments, World Heritage sites, listed buildings and other historic structures, archaeological sites and registered battlefields, together with an assessment of any effects likely to be caused by the Proposed Development



* Issues are relevant for this application:

Yes

No

* Document reference

6.2.18 - ES Volume I Chapter 18 -
Archaeology and Cultural Heritage

Continued from previous page...

* Document reference 6.3.80 - ES Volume II - Figure 18.1
Location of Designated Heritage Assets in
the 5 km Study Area

Remove this reference

* Document reference 6.3.81 - ES Volume II - Figure 18.2
Location of Non-Designated Heritage
Assets in the 1 km Study Area

Remove this reference

* Document reference 6.3.82 - ES Volume II - Figure 18.3
Historic Landscape Character

Remove this reference

* Document reference 6.3.83 - ES Volume II - Figure 19.1
Location of Marine Heritage Assets in the
1 km Study Area

Remove this reference

* Document reference 6.4.41 - ES Volume III - Appendix 18A
Cultural Heritage Baseline

Remove this reference

* Document reference 6.4.42 - ES Volume III - Appendix 18B
Cultural Heritage Gazetteer

Remove this reference

Add another reference

18. Flood Risk Assessment



* Flood Risk Assessment required:

Yes No

* Document reference 6.2.9 - ES Volume I Chapter 9 - Surface
Water, Flood Risk and Water Resources

* Document reference 6.3.25 - ES Volume II Figure 9.4 -
Environment Agency Fluvial Flood Zones

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* Document reference

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* Document reference

19. Matters set out in section 79(1) (statutory nuisances etc) of the Environmental Protection Act 1990



* Statement required for this application:

Yes No

* Document reference

Continued from previous page...



20. A plan with any accompanying information identifying any Crown land

* Issues are relevant for this application:

- Yes No

* Document reference

* Document reference

21. A plan identifying new or altered means of access, stopping up of streets or any diversions, extinguishments or creation or rights of way or public rights of navigation



* Issues are relevant for this application:

- Yes No

* Document reference

22. Additional information for specific types of infrastructure



* Additional information is required to be submitted in accordance with Regulation 6 of The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009:

- Yes No

* Provide a brief description

* Document reference

Continued from previous page...

Regulation 6 of the Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 requires additional information to be submitted with the following types of development.

* Please check any of the following boxes that apply:

- Construction or extension of a non offshore generating station (Reg. 6 (1a))
- Construction or extension of an offshore generating station (Reg. 6 (1b))
- Highway related development (Reg. 6 (2) (part 1))
- Construction or alteration of a railway (Reg. 6 (2) (part 2))
- Construction or alteration of harbour facilities (Reg. 6 (3))
- Construction of a pipeline (Reg. 6 (4))
- Construction or alteration of a hazardous waste facility (Reg. 6 (5))
- Construction of a dam or reservoir (Reg. 6 (6))

Construction or extension of a non offshore generating station (Reg. 6 (1a))

* Provide a statement of who will be responsible for designing and building the connection to the electricity grid

5.5 - Electricity Grid Connection Statement - this document provides information on who will be responsible for designing and building the Electrical Connection (Work No. 3).

* Is it a gas fuelled generating station?

- Yes No

* Provide a statement of who will be responsible for designing and building the gas pipeline connection to the generating station

5.6 - Gas Connection and Pipelines Statement - this document provides information on who will be responsible for designing and building the Gas Connection (Work No. 2).

Construction of a pipeline (Reg. 6 (4))

Enter details of the name of the proposed pipeline

- | | |
|--------------------------|--|
| * Name | Please refer to Document 5.6 - Gas Connection and Pipelines Statement - Appendix A |
| * Owner | Please refer to Document 5.6 - Appendix A |
| * Start point | Please refer to Document 5.6 - Appendix A |
| * End point | Please refer to Document 5.6 - Appendix A |
| * Length (in kilometres) | Please refer to Document 5.6 - Appendix |

Continued from previous page...

A

* External diameter (in mm) Please refer to Document 5.6 - Appendix A

* What will be conveyed by the proposed pipeline

Please refer to Document 5.6 - Appendix A

* State whether the grant of any rights in land or consents to road or river crossing works are required:

Yes No

* Provide details of whether they can be obtained by agreement

The Applicants are in negotiations with affected landowners to acquire the necessary rights for the pipelines by agreement. However compulsory acquisition powers are sought in the draft DCO (Document Ref. 2.1), including the power to acquire rights, to ensure that the delivery of the Proposed Development can be secured. Further details are provided in the Statement of Reasons (Document Ref. 3.2). Works within streets and river crossings are authorised by powers in the draft DCO, and details of consents required are set out in Other Consents and Licences (Document Ref. 5.10).

23. Any other plans, drawings and sections necessary to describe the proposal for which development consent is sought, and any other documents, reports or information to support the application



Provide a brief description of any other plans, drawings and sections that are being submitted with this application

- 4.6 - Indicative Power Capture and Compression (PCC) Facility Plans (Key Plan and Sheets 1-4)
- 4.7 - Indicative Gas Connection Plans and Above Ground In (Key Plan and Sheets 1-11)
- 4.8 - Indicative Electrical Connection Plans (Key Plan and Sheets 1-7)
- 4.9 - Indicative Water Connection Plan
- 4.10 - Indicative HP Compressor Plans (Key Plan and Sheets 1-4)
- 4.11 - Indicative CO2 Gathering Network Plans (Key Plan and Sheets 1-12)
- 4.12 - Indicative CO2 Export Pipeline Plan
- 4.13 - Indicative Surface Water Drainage Plan
- 4.14 - Deemed Marine Licence Coordinates Plans (Key Plan and Sheets 1-3)
- 4.15 - Indicative Landscape and Biodiversity Plan

Document reference 4.6 - Indicative Power, Capture and Compression (PCC) Facility Plans (Key Plan and Sheets 1-4)

Document reference 4.7 - Indicative Gas Connection Plans and Above Ground Installation Plans ((Key Plan and Sheets 1-11)

Remove this reference

Document reference 4.8 - Indicative Electrical Connection Plans (Key Plan and Sheets 1-7)

Remove this reference

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Document reference

4.9 - Indicative Water Connection Plan

Remove this reference

Document reference

4.10 - Indicative HP Compressor Plans
(Key Plan and Sheets 1-4)

Remove this reference

Document reference

4.11 - Indicative CO2 Gathering Network
Plans (Key Plan and Sheets 1-12)

Remove this reference

Document reference

4.12 - Indicative CO2 Export Pipeline Plan

Remove this reference

Document reference

4.13 - Indicative Surface Water Drainage
Plan

Remove this reference

Document reference

4.14 - Deemed Marine Licence
Coordinates Plans (Key Plan and Sheets
1-3)

Remove this reference

Document reference

4.15 - Indicative Landscape and
Biodiversity Plan

Remove this reference

Add another reference

Provide a brief description of any other documents considered necessary to support the application

5.2 - Need Statement
5.3 - Planning Statement
5.4 - Design and Access Statement
5.7 - Carbon Capture Readiness Assessment
5.8 - Combined Heat and Power Assessment
5.9 - Statutory Nuisance Statement
5.10 - Other Consents and Licences
5.11 - Indicative Lighting Strategy
5.12 - Indicative Landscape and Biodiversity Strategy
5.13 - Habitats Regulations Assessment

Document reference

5.2 - Need Statement

Continued from previous page...

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Provide a brief description of any other information provided that is in support of the application, but which has not been explicitly required

1.2 - Application Guide providing background information on the Proposed Development and listing the Application documents.
1.5 - Signposting Document for the Planning Inspectorate

Document reference

Continued from previous page...

Document reference

1.5 - Signposting Document for the
Planning Inspectorate

Remove this reference

Add another reference

24. Other consents/ licences required under other legislation



* Other consents/ licences are required:

Yes No

* Provide a list of consents/licences

These are set out in 5.10 - Other Consents and Licences.

You must cite the document references as appropriate

* Document reference

5.10 - Other Consents and Licences

Add another reference

25. Declaration



I declare to the best of my knowledge that the information given in this form and enclosed maps, plans and other documents are true.

Please note there is a requirement for one hard copy of the form to be signed. Please ensure that when you submit you include at least one signed copy. Further copies do not require the hand written signature.

Signature _____

(For and on behalf of the Applicant)

* Name

GEOFF BULLOCK

(In block letters)

* Date

19 / 07 / 2021
dd mm yyyy

* Organisation

DWD

* Position within the
organisation

Partner