UK Government

Cluster Sequencing for Carbon Capture Usage and Storage Deployment: ECC Teesside Selection Process

Industrial Carbon Capture Project Plan

February 2026

Any enquiries regarding this publication should be sent to us at: eccteessideselection@energysecurity.gov.uk

Contents

Introduction

DESNZ is seeking to fully utilise the capacity of Track-1 Clusters through Build Out Processes.

In February 2026, the Department for Energy Security and Net Zero (DESNZ) launched the East Coast Cluster (ECC) Teesside Selection Process with the aim of filling the remaining transport and storage capacity expected to be available in 2032 and contributing to the growing CCUS sector, which is projected to support up to 50,000 jobs and £2.8bn of GVA (2022 prices) annually across the supply chain by 2050.

This document is an Annex to the ECC Teesside Selection Process Application Guidance. The publication of this form accompanies the opening of an application window for Projects and should be read alongside the ECC Teesside Selection Process Application Guidance Document to understand what projects are required to submit and why; the timelines for submitting clarification questions; timelines for submitting the final application forms; and further detail on the assessment process. Note that the caveats and reservations set out in Chapter 2 of the ECC Teesside Selection Process Application Guidance document apply equally here.

This document sets out the questions that Industrial Carbon Capture (ICC) and Waste ICC projects should answer as part of the ECC Teesside Selection Process submission. The information and relevant supporting evidence provided by the capture project, within the completed Project Plan will, alongside the Initial Cost Assessment Form (Annex B), Financial Statement Form (Annex C), and the Economic Benefits Forms (Annex D1 & D2), form the basis of the assessment to determine which capture projects meet the requirements to be shortlisted. This document is an Annex to the ECC Teesside Selection Process Application Guidance document and should be read alongside it. Please see the guidance document for further detail on the assessment process.

The ECC Teesside Selection Process will be run by DESNZ. If applicants have any general questions about the submission process or about filling in any part of the submission documentation, please email queries to ECCTeessideSelection@energysecurity.gov.uk.

Important information regarding this process

The deadline for finalised ECC Teesside Selection Process submissions is 23:59 on 10-April-2026.

- The assessment process will be run fairly, transparently, and objectively in accordance with the published ECC Teesside Selection Process Guidance.
- The project shall ensure that it provides a clear response to every applicable question asked in this form. This should detail both the current status and/or plans with respect to project delivery.
- The information provided within this form will be used throughout the Teesside Selection and the negotiations/due diligence phase. Entering a negotiation does not mean that Support will be awarded. Any decision to award support would only be made subject to the successful completion of any negotiation and due diligence.
- Further timetable details for this process are set out in the ECC Teesside Selection Process Guidance Document.
- DESNZ will not be responsible for any costs incurred in the preparation of any submission, irrespective of whether the capture project is successful in the ECC Teesside Selection Process.
- Projects will need to satisfy the eligibility criteria to be considered in the Deliverability Assessment.
- Cost and Economic Benefits information will also be collected. As part of the deliverability assessment, cost information provided will be evaluated for credibility and will be checked for consistency against the commercial and financial information provided. It will then be used to inform value for money assessment. Economic Benefits data will neither be considered when assessing Projects against the eligibility criteria nor the deliverability assessment. However, capturing the economic benefits of Net Zero is an important priority for UK government and to do this we need to develop robust, resilient, UK supply chains and these outcomes will also be considered within the Value for Money assessment and inform shortlisting. If Applicants proceed to negotiations, HMG may ask the Applicant to submit or publish more detailed plans on supply chains, skills and economic benefits.
- This document, the ICC Project Plan, is divided into four sections:
    - Section 1, Applicant Information.
    - Section 2, Eligibility, information submitted in this section will be used to determine the eligibility of the ICC Project.
    - Section 3, ICC Project Overview, information submitted in this section will be used to improve DESNZ's understanding of the Project and may also be used to inform the Deliverability assessment and subsequent shortlisting process. Compliance with Eligibility criteria must be maintained.
    - Section 4, Deliverability, information submitted in this section will be used to assess the project against the Deliverability criteria set out in the ECC Teesside

Selection Process Guidance document and subsequent shortlisting process. Compliance with Eligibility criteria must be maintained.

Information submitted in response to any part of this application may be used to assess the project projects against the outlined Eligibility and Deliverability criteria. Eligibility and Deliverability will be assessed continuously until FID. Responses in any section may also be used to inform value for money and affordability assessments, and also to evaluate the project's alignment with the CCUS programme and DESNZ's wider strategic goals when shortlisting.

- Alongside the ICC Project Plan, the assessment of the Project will be supported by the submission of several forms:
    - Annex B –Cost Assessment Form will be used to collect the cost data, limited financial information, and operational profiles for the ICC Project.
    - Annex C - Financial Statement Form will be used to assess the financial and commercial health of participating companies within the Deliverability criterion. This form should be considered supplementary to the questions to assess the Project's deliverability. The figures included in the form should be supported by relevant accounting notes and documentation.
    - Annex D1 & 2 – Economic Benefits Forms seek to understand how key components and services required to deliver the Project will be sourced; how risks that may affect the supply of these key components may be mitigated; and how Projects are engaging with new entrants and small and medium-sized enterprises (SMEs).

- Across the assessment DESNZ will place significant emphasis on the credibility and consistency of information provided.
- Information provided in the Eligibility and Project Overview section, as well as subsequent engagement, will be used to inform the Deliverability assessment. This is to allow for consistency and credibility checks and not so answers can be continued in other sections. Any obvious continuation of answers will be removed.
- After all the Project submissions have been individually assessed for eligibility and deliverability, DESNZ carry out a shortlisting process with those projects that have met the required standard to progress. This is to ensure the overall outcome of the process meets the strategic objectives of the Teesside Selection and meets the goals of the Department as a whole. The process used for this step is described in Chapter 10 of the ECC Teesside Selection Process Guidance Document.
- DESNZ reserves the right to request additional information as part of due diligence as design and policy progress through project development.
- DESNZ reserves the right not to accept any submission and reserves the right to cancel the process before it has completed or at any time before any support has been awarded.
- DESNZ reserves the right not to consider a submission further if an applicant fails to disclose information requested.

- Each individual piece of supporting evidence can be referenced multiple times in the ICC Project Plan but should be uploaded only once to the portal.
- Please note that the word limit does not cover the references sections. This is so applicants can be specific as to where information can be found in any documents provided. If this section is used to continue answers, the words will be removed before the assessment.

Any information provided above the word limits will be removed before information is provided to assessors and will not count towards the score. Graphics and diagrams are welcomed and do not count toward the word count. We will remove words in excess of the count from the end of the relevant question or section. This will be completed before the documentation is provided to assessors.

Disclosure of information

Reasons for decisions on submissions will be recorded at all stages for good administration and to ensure that there is a clear audit trail for all decisions. Administrative records will be maintained for all submissions irrespective of whether they are successful or not.

Please refer to Section 2.2 (Application Process) of the ECC Teesside Selection Process Guidance Document for additional detail on entry into non-disclosure agreements and Chapter 3 (Further Considerations) for additional detail on parties involved in the ECC Teesside Selection Process.

All information provided by applicants may be disclosed in accordance with DESNZ's legal obligations (including under the Freedom of Information Act 2000 (FOIA), the Data Protection Act 2018, General Data Protection Regulation (GDPR) and the Environmental Information Regulations 2004 (EIR) in the event that a request for information is received). More information on the FOIA, Data Protection Act (2018), GDPR and EIR (including information on exemptions) can be found at: https://ico.org.uk/for-organisations/

To help DESNZ deal with information requests and without prejudice to the paragraph above, in the box below, please set out the reasons why you consider any specific information should not be disclosed, including (if possible) by reference to the specific exemption contained in the relevant legislation (for example, because disclosure of the information would prejudice your commercial interests under section 43 of the FOIA), explaining why this is the case.

Where appropriate, please also state whether you consider the reason(s) information should not be disclosed by DESNZ only apply for a particular time period. If we receive an information request, we will consider your views as stated on the submission form. However, DESNZ will ultimately decide how to respond to an information request and whether any information should be withheld, subject to the Information Commissioner's Office decision in the event of the requestor appealing the decision.

Please detail what specific information, if any, within this submission should not be disclosed and the reasons why. Please include (if possible) reference to the specific exemption contained in the relevant legislation. *Boxes will expand to content:*

Glossary of terms

Table 1 – Acronyms

Acronym	Definition
ACT	Advanced Conversion Technologies
ATT	Advanced Thermal Treatment
BECCS	Bioenergy with Carbon Capture & Storage
CaaS	Capture as a Service
CaaSCo	Capture as a Service Company
CHP	Combined Heat and Power
CHPQA	Combined Heat and Power Quality Assurance
CO_2	Carbon Dioxide
COD	Commercial Operation Date
DESNZ	Department for Energy Security and Net Zero (formerly a part of BEIS)
DPA	Dispatchable Power Agreement
EfW	Energy from Waste
EIR	The Environmental Information Regulations 2004
EOI	Expression of Interest
FID	Final Investment Decision
FOIA 2000	The Freedom of Information Act 2000

GDPR	General Data Protection Regulation
HMG	His Majesty's Government
ICC	Industrial Carbon Capture
ktpa	Kilo-tonnes per annum
MoU	Memorandum of Understanding
Mtpa	Megatonnes per annum
NISTA	National Infrastructure and Service Transformation Authority
OpEx	Operating Expenditure
OCP	Operational Conditions Precedent
pBECCS	Power Bioenergy with Carbon Capture and Storage
SIC	Standard Industry Classification
SIMOPs	Simultaneous Operations
SME	Small and Medium-Sized Enterprise
TAA	Transition Access Agreement
T1	Track-1
T1X	Track-1 Expansion
T&S	Transport and Storage Network
T&S Co	Transport and Storage Company is a licensed company operating and maintaining a T&S Network (T&S Operator)

tpa	Tonnes per annum
tph	Tonnes per hour

Definitions

Table 2 – Definitions

Term	Definition
Applicant	Legal entity responsible for a project intending to apply for support, or semi-/un-supported connection to the CO_2 T&S network, and would be taken through to negotiations if successful.
Battery Limit	The geographic boundaries identifying scope of works for process units or the Project.
Business Model(s)	Contract mechanisms to support the implementation and operation of CCUS Clusters.
Capture as a Service (CaaS)	Service provided by a third party to capture emissions on behalf of an industrial emitter(s).
CaaSCo	A company offering to capture emissions on behalf of an industrial emitter(s).
CaaS Group	The industrial emitters and the CaaSCo involved in CaaS.
CCS or CCUS	Carbon Capture and Storage or Carbon Capture, Usage and Storage
Cluster	T&S Network (incorporating the onshore and offshore network and offshore storage facility) and associated capture Projects.
Commercial Operation Date (COD)	The date the project is confirmed to meet the Operational Conditions Precedent (OCP) and the Project begins operating and transporting captured CO_2 emissions to permanent storage.
Cross Chain	All elements of the cluster including development, delivery and operation of all capture projects as well as Onshore, Offshore and storage infrastructure.

Design CO_2 Capture Rate	The maximum instantaneous design capture rate, i.e., the percentage of CO_2 emissions captured from the specific emissions streams that the capture technology is applied to, which is expected to be continuously achievable by the facility for extended periods, i.e., during normal steady state operation. If the emitter is awarded an ICC Contract, this term will form the basis of the CO_2 Capture Rate Estimate in the ICC Contract.
Final Investment Decision (FID)	FID is the point in the project planning process when the decision to make major financial commitments is taken and contracts are signed for engineering, procurement, and construction.
Hydrogen Production	CCUS-enabled hydrogen production.
ICC Project	An industrial facility including carbon dioxide emission source(s) targeted for abatement. For the purpose of this assessment, an 'industrial facility' is defined as a: facility; or part of a facility (which can include an industrial process or collection of industrial process(es)); which manufactures products, treats materials and/or provides services for use in or as part of an industrial process or collection of industrial process(es) and falls within one or more eligible sectors. *Note: For CaaS Group Projects, emitters within the Group must all individually meet the definition of an industrial facility as set out above*.
Minimum CO_2 supply rate	The CO_2 flow below which the capture plant cannot operate.
Operational Conditions Precedent	Conditions that must be satisfied, or waived, in order for payments under the Contract to commence.

Operational Conditions Precedent	The Operational Conditions Precedent (OCPs) are a set of requirements a Project must demonstrate to the appropriate counterparty to prove that they have commissioned their facility and are ready for commercial operations. The OCP requirements are outlined in the relevant business model Terms and Conditions.
Project	Power CCUS, ICC including Waste ICC, Hydrogen, GGRs or pBECCS production facility – including carbon dioxide emission source(s) targeted for abatement – development and its associated CO_2 capture facilities, that will be assessed in the ECC Teesside Selection process. *Note: For CaaS Groups, this is the subnetwork as a whole, including separate and common transportation, capture and compression elements*.
Projected Monthly CO_2 Capture Rate	The percentage of CO_2 emissions captured from the specific emissions streams that the capture technology is applied to, on a monthly average basis, as defined in Guidance Chapter 6.3.
Storage	Geological store for the captured CO_2 from the end of the injection well.
Submission	The total submission submitted by the Project including the Project Plan and associated Annexes.
Transport & Storage Network (T&S Network)	The network consisting (wholly or mainly) of: • pipelines used for the transportation of captured carbon dioxide from one capture plant to a storage facility or to or from any T&S Network; or • routes used for the transportation of captured carbon dioxide from one capture plant to a storage site or to or from any T&S Network; and • storage site for the geological storage of carbon dioxide.

Transition Access Agreement Users	This has the meaning given to it in Chapter 3.3 of the ECC Teesside Selection Process – Application Guidance.

Units

Where possible please use units of measurement defined by the International System of Units (SI) within your answers. For example:

- Electrical Power: MW.
- Thermal Power: MW.
- Gas Power: MW – Gross Calorific Value basis.
- Gas calorific value: MJ/kg – Gross Calorific Value basis.

The below exceptions to SI units should be used due to industrial conventions:

- CO_2 flow rate: mass basis – tonnes per annum, (tpa, ktpa or Mtpa) for annual average or total annual flow rate. Instantaneous or peak flow rates should be provided in tonnes per hour (tph).
- Energy: Watt Hours (MWh, GWh)
- Temperature: Degrees Celsius (^oC)
- Gas Flow Rates: standard volume basis – Sm^3/h (kSm^3/h)

1. Applicant information

Completed versions of this document, Cost Assessment Form (Annex B), Financial Statement Form (Annex C), and Economic Benefits Form (Annexes D1 & D2) are to be uploaded to the individual SharePoint site alongside any supporting evidence.

2. Eligibility

Eligibility Criteria are fully described in the ECC Teesside Selection Process Guidance Document.

Eligibility will be checked against the evidence submitted within this section, Section 3, and Section 4. Applicants will be notified via email on whether or not they have met the eligibility criteria. Only eligible Projects will progress to the next stage, the Deliverability Assessment.

Please confirm and evidence how the ICC Project meets the Eligibility Criteria and provide appropriate supporting evidence for the following requirements.

Note: For CaaS Groups, individual emitters within the Group must all individually meet these criteria, if applicable. For CaaS Groups, word limits in this eligibility section will be increased to apply per individual emitter within the group.

2.1. General Eligibility

The Applicant must be incorporated and registered in the UK. (250 words)

Supporting evidence is expected to include a UK company registration number demonstrating that the Applicant is incorporated and registered in the UK.

Evidence:

Document reference	Document name	Relevant page/section

Must be able to demonstrate direct, onshore, pipeline access to the Northern Endurance Partnership East Coast Cluster with no intermediate non-pipeline transportation of CO_2 (250 words)

Evidence of access to a T&S Network should include as a minimum:

- an MOU with the T&S Co;
- a high-level pipeline connection study including routing of intermediate pipelines or pipework to connect to the T&S Network.

The connection study need not be detailed for this eligibility criterion but must identify onshore, direct, pipeline route options between the project site and connection point to the T&S Network. Further detail, if available, would be beneficial for the Deliverability assessment question 4.8.

Evidence:

Document reference	Document name	Relevant page/section

Must be able to be operational no later than the end of December 2032 (250 words)

Supporting evidence is expected to include a project schedule.

We define operational as the Project being fully commissioned and able to export CO_2 emissions to the T&S Network. Note that at the assessment stage we will consider the Project's schedule and the suggested completion date, but if a Project progresses to negotiations and receives a Business Model contract, in order to demonstrate that the Project is operational and receive Business Model payments it will have to satisfy Operational Conditions Precedent (OCPs) or relevant performance requirements set out in the Business Model Terms and Conditions, and achieve its Commercial Operation Date (COD).

Evidence:

Document reference	Document name	Relevant page/section

Must be located onshore in the United Kingdom. (250 words)

Supporting evidence could include a site layout or map and proof that the facility is located above mean low tide (with the exemption of jetties or loading facilities).

Evidence:

Document reference	Document name	Relevant page/section

Must meet the definition of an industrial facility (250 words)

Supporting evidence is expected to the company's SIC codes. Projects which could reasonably be classified under the eligible SIC codes but are registered with a non-eligible SIC code may also be eligible and should provide evidence for that they would meet the definition of an industrial facility.

Evidence:

Document reference	Document name	Relevant page/section

Must deploy an eligible CCUS technology (250 words)

Supporting evidence could include a basis of design, process summary or other engineering study showing the technology and configuration.

Evidence:

Document reference	Document name	Relevant page/section

Must be designed to meet a minimum capture rate of 85% (250 words)

In order to be eligible for an ICC Contract, the ICC Project must be designed to meet a minimum capture rate of 85% based on their Projected Monthly CO_2 Capture Rate. We define CO_2 capture rate (technology efficiency) as the percentage of CO_2 emissions captured from the specific emissions streams that the capture technology is applied to, including start-up and shut-down and other periods of transient operation, but excluding periods in which the emitter is prevented from accessing the full entry capacity to the T&S network to export CO_2 for a period of one day or more (where this does not arise out of or in connection with any act of the emitter)[1], or during which the underlying industrial installation is fully unavailable.

For the purposes of this eligibility criterion, the Projected Monthly CO_2 Capture Rate (%) is defined as:

$$Projected\ Monthly\ CO_2\ Capture\ Rate\ (\%) = \frac{CO_{2out}}{CO_{2in}}$$

Where:

[1] In the ICC business model, this is known as a Capture Outage Relief Event. Please refer to the the Industrial Carbon Capture: Standard Terms and Conditions (November 2025),and the definitions of “Achieved CO_2 Capture Rate” and “Capture Outage Relief Event” for more information.

CO_{2out} = Projected monthly flow of CO_2 into T&S network (and, if applicable, to CCU)

CO_{2in} = Projected monthly flow of CO_2 intended to be routed to capture plant

Supporting evidence could include a basis of design, mass balance, flow diagram or table, performance guarantee, or engineering study.

Evidence:

Document reference	Document name	Relevant page/section

2.2. Additional evidence requirements for Projects in the Oil and Gas, CCUS-enabled Hydrogen, Waste Management or CHP sectors only

2.2.1. Oil and gas (250 words)

If the Industrial Capture Project is an Oil and Gas Project, applicants must provide the following:

Evidence that the Project is at an onshore Oil and Gas facility. Such evidence could include a site layout or map and proof that the facility is above mean low tide (with the exemption of jetties or loading facilities).

Evidence:

Document reference	Document name	Relevant page/section

2.2.2. CCUS-enabled Hydrogen (250 words)

If the Industrial Capture Project is a CCUS-enabled hydrogen Project, applicants must provide the following:

Evidence that the Project is retrofitting CCUS onto an existing “grey” hydrogen facility, and not also carrying out works to increase the hydrogen production capacity of the facility. Such evidence could include proof that they are operational through executed fuel supply agreements, offtake agreements or environmental permits with an operational date in the past.

Evidence:

Document reference	Document name	Relevant page/section

2.2.3. Combined Heat and Power (250 words)

If the Industrial Capture Project is a combined heat and power (CHP) Project where the CHP facility’s flue gas stream is not combined with other industrial process(es) streams directed to the capture plant, applicants must provide the following:

Evidence that at least 70% of the energy output of the CHP facility is, or will be by the time CCUS operations (for new build or otherwise), utilised by industrial facilities[2]. This could include the capacity of the CHP facility, identifying end user(s), information on the type of industrial activity taking place at the site of the end user(s), details of the amount of heat and electricity used by the identified end users in relation to the total output of the CHP facility. Where the energy is, or will be, supplied to third-party customer(s), contracts, provisional

[2] For CHP output only, we define an ‘industrial facility’ as a facility or part of a facility that is classified under Standard Industry Classification (SIC) codes 5 to 33 (excluding 24.46) and 38. Capture plants that are solely capturing emissions from the CHP facility are also an eligible end-use of the energy output, where energy output is also provided to industrial facilities.

agreements or invoices for energy use could be given; or, where there is common ownership between the CHP and the industrial user of the energy, internal records demonstrating heat/electricity consumption could be given. For a new facility, evidence could be supported by the design parameters of the facility, such as the heat and material balances indicating electrical demand and steam consumption.

Note: this is not required for cases where the CHP facility's flue gas stream is combined with other industrial process(es)' streams directed to the capture plant

Evidence:

Document reference	Document name	Relevant page/section

2.2.4 Waste Management

If the Industrial Capture Project is a Waste Management project please confirm and evidence how the Waste ICC Project meets the following additional Eligibility Criteria and provide appropriate supporting evidence for the following requirements.

Must process an eligible waste feedstock (250 words)

Supporting evidence could include a list of intended waste codes, secured environmental permit or permit plans, waste supply contracts, basis of design or process description. Evidence should also include expected biogenic and fossil CO_2 proportions generated for each year of the contract.

Evidence:

Document reference	Document name	Relevant page/section

Must be classed as an eligible waste management technology (250 words)

Supporting evidence could include basis of design or process description.

Evidence:

Document reference	Document name	Relevant page/section

Must be classed as 'energy recovery' (for specified waste management technology types) (250 words)

For EfW and ACT/ATT gasification-to-energy (i.e. electricity or heat) facilities, evidence that the plant is R1 rated (or will be at the time of CCS operations) is required. Evidence of this could include application forms or confirmation from the Environment Agency to prove R1 status. ATT/ACT facilities producing fuel will be deemed as 'energy recovery' due to the production of their outputs and are therefore not required to provide additional evidence.

Evidence:

Document reference	Document name	Relevant page/section

3. ICC Project Overview

3.1 Project Overview

3.1.1 ICC Project Description (2000 words)

The description of the Industrial Capture Project should include reference to appropriate supporting information to include, but not limited to the following:

Note: CaaS Groups have a word count adjustment for this question using the base limit of 2000 words, plus 300 words maximum for each Project in the CaaS Group.

- The process design basis of the industrial facility. Projects may include any official documentation that describes the purpose of the facility, such as planning permissions or environmental permits. *For CaaS Group Projects, please elaborate on each entity in the Group*.
- Is the industrial facility in operation, construction or development?
- What stage of development is the capture plant in, and the industrial facility if applicable (e.g., FEED, complete %)? When is FID and/or operating date programmed/anticipated for the capture plant, and the industrial facility, if applicable? *For CaaS Group Projects, please elaborate on each entity in the Group.*
- Include details of the Engineering work completed and the status of ongoing work for facilities in development.
- Maps showing the location of the ICC project, including but not necessarily limited to its location in relation to the T&S network connection point.
- The design life of the Industrial Capture Project, including the capture facility and overall and remaining plant life for any pre-existing plants. Please describe any plans for life extension.
- The captured and uncaptured CO_2 sources within the ETS boundary of the industrial facility, including annual CO_2 mass emissions with the capture plant online.
- Annual profiles showing the anticipated CO_2 capture mass flow rate, the net CO_2 on-site emissions reduction, and any associated emissions for the Industrial Capture Project plant. These figures should be consistent with the capture rate and operating profile of the industrial facility and capture plant. A table or spreadsheet should be provided in evidence. Please also include assumed availability, peak and typical instantaneous flow rates as well as annual averages.
- A description of the capture process including:
    - The proposed capture technology type and provider (including the extent to which this is a firm position) or shortlists of potential suppliers;
    - Key variables including capture rate, energy efficiency, any additional power / thermal energy requirements, turndown rates, and expected reliability and availability;

- Clear diagrams and schematics of the Project.

- An explanation of whether the project will capture and store biogenic emissions and if the project is expected to generate negative emissions. If this is the case please provide expected quantities of biogenic and negative emissions. Projects are encouraged to provide detail of the feedstock(s) used to fuel the facility, including information about the sustainability of any biogenic feedstocks.
- A concise description of the market for the industrial facility's product(s) or services over the proposed CO_2 capture operational period, and any confirmed offtakers or users*. For CaaS Group Projects, please elaborate on each entity in the Group.*
- A description of the extent to which the industrial facility's product(s) or services will be used regionally within the cluster, within the UK or exported. *For CaaS Group Projects, please elaborate on each entity in the Group.*
- To what extent the Industrial Capture Project is dependent on future market sales / off-takers or other agreements (e.g., fuel supply) to be able to confirm programme delivery dates and volume certainties. *For CaaS Group Projects, please elaborate on each entity in the Group.*
- Utility supply requirements and agreements, including power and thermal energy requirements (including transient and normal operations), water and other utilities with proposed route to supply the new facilities.
- For energy from waste plants feedstock supply chain details including feedstock details, suppliers, offshore and onshore transportation, and on-site storage, demand capacities and contracted volumes.
- Is the facility dependent on, integrated with, or does it provide support or utilities to other local industrial plant(s)?
- For Waste Management projects, describe the outputs from the plant and the effect of installing carbon capture. For instance, the impact on net electrical output for an EfW, or for ATT/ACT the fuel or product output.
- Whether captured CO_2 is expected to be used internally or exported to additional users (CCU), alongside storage of CO_2 via the T&S network. For Projects looking to implement a combination of CCU and CCS, please include the estimated percentage of CO_2 stored from the Project's captured CO_2 volumes per year for the duration of the contract length.

Evidence:

Document reference	Document name	Relevant page/section

3.2 Capture-as-a-Service Project

3.2.1 Capture as a Service (CaaS) Project Description (500 words)

Note: this section is specifically for 'Capture as a Service' Projects receiving CO_2 volumes from multiple independent industrial facilities. In this instance the group will be assessed as one overall Industrial Capture Project. However, please note that there are certain criteria which are applicable to each individual industrial emitter; please refer to the East Coast Cluster Teesside Selection Application Guidance for more details.

Please describe the CaaS organisational structure and describe the commercial arrangements between the relevant industrial facilities and the CaaS organisation (CaaSCo).

Please describe the interconnecting infrastructure prior to the T&S network delivery point demonstrating that:

i. emitters connect to the CaaS Co. by pipeline, with no intermediate non-pipeline transport; and
ii. all CO_2 pipeline transport prior to the T&S delivery point does <u>not</u> constitute a licensable activity involving the transport of CO_2. Please provide evidence of engineering studies addressing the CaaS requirements including the interconnecting infrastructure. Describe any minimum criteria for CaaS viability, such as minimum CO_2 supply rate.

Supporting evidence could include a site layout, drawings or process flow diagrams showing the interconnecting infrastructure, organisation chart, commercial agreements and engineering studies.

Evidence:

Document reference	Document name	Relevant page/section

3.3 ICC Project status and key metrics (250 words)

Please fill in the metrics within the table below. Any additional graphs to summarise the captured CO_2 profile would be beneficial. Please also refer to Annex B Cost Assessment Form. Where metrics are repeated across annexes it is expected that the same figures and methodologies should be used.

Metric	Value
Final Investment Decision date	
Commercial Operation Date	
Plant Design Life (carbon capture facility and overall if different for other industrial plant facilities)	
Annual average CO_2 export to the T&S network to the end of 2050 (Mtpa)	
Peak CO_2 export rate to T&S Network. (tph)	
Overall capital costs (£m – real – define base year)	
Annual average operational costs (£m – real – define base year)	
Projected Monthly CO_2 Capture Rate (%) Percentage of CO_2 emissions captured from the specific emissions streams that the capture technology is applied to, on a monthly average basis, as defined in Guidance Chapter 6.3.	
Design CO_2 Capture Rate (%) The maximum instantaneous design capture rate, i.e. the percentage of CO_2 emissions captured from the specific emissions streams that the capture technology is applied to, which is expected to be continuously achievable by the facility for extended periods, i.e. during normal steady state operation. If the emitter is awarded an ICC Contract, this term will form the basis of the CO_2 Capture Rate Estimate in the ICC Contract.	

Feedstock energy content and energy output for facilities producing energy (as fuel or power) (approximate annual basis LHV in MWh or MJ) 1) All Process Feedstock, 2) Renewable Process Plant Feedstocks 3) Net energy output (as fuel or power)	
Application Rate (%) Defined as CO_2 emissions captured from the specific stream(s) that the capture technology is applied to, as a percentage of total CO_2 emissions on site (%).	

References to supporting documentation for Section 3.3		
Document reference	Document name	Relevant page/section

3.4 Expansion Phases

This section is to describe whether there is planned follow on development of ICC at the site beyond the currently described project. Such project phases would be assessed outside of this current ECC Teesside Selection Process, but it is useful to understand the context and intentions for the site.

3.4.1 Expansion of ICC Project (500 words)

Please provide a concise description of additional stages of development of the ICC Project, where relevant, whether this be multiple staged units or applying capture to additional CO_2 sources within the ICC Project site. Please include a description of the uncertainty around these future phases in terms of execution, offtake market, CO_2 mass flow to the CO_2 T&S network, costs and capture efficiency. Only the phase that will be operational by 2032 shall be considered within this application for support via the current ECC Teesside Selection Process. Additional support and access to the T&S network may be available in future Build Out Processes.

For CaaS group projects this may include the addition of further industrial emitters or the expansion of initial emitters, for each additional subproject or subproject expansion 150 words will be added to the limit.

References to supporting documentation for Section 3.4.1		
Document reference	Document name	Relevant page/section

4. Deliverability

For CaaS Cos the question word limit is increased by 40% per attached industrial facility throughout the assessment section.

4.1 Organisational and Technical Maturity

4.1.1 Organisational structure – company level (750 words)

What is the company structure? Please provide a chart which positions the project vehicle within any wider company structure highlighting the following information for each entity within the structure:

1. Primary activity and location;
2. Ownership (including details of any stock market listings);
3. Where within the company/group structure will key investment decisions be taken;
4. If a new legal entity is to be created for the purpose of this Project, where in the company/group structure this will sit and the expected timing of its incorporation.

Please provide a capability statement, which shall include:

1. Relevant corporate experience, including if available:
    a) Ongoing plant operations,
    b) Recent major investments at process facilities (Including EPC management),
    c) Managing joint ventures (including information sharing between partners),
    d) Experience navigating the UK regulatory regime.
2. Identification of personnel with key roles & responsibilities and their relevant experience.

Please also provide brief details of the company's approach to ensuring Corporate Governance best practice.

Please provide details of the ultimate beneficial owner of the corporate group, as well as the details of any shareholder (or group of related shareholders) owning more than 5% of the group's equity capital.

References to supporting documentation for Section 4.1.1		
Document reference	Document name	Relevant page/section

4.1.2 Organisational structure and governance – project level (750 words)

Please describe the organisational structure at a project level including how the delivery of the Project will be managed. Where possible, provide evidence of the experience of key personnel which shall include CVs/ Career statements for, but not necessarily limited to:

- The Project manager / director
- Financial lead(s)
- Lead engineer(s)
- Any construction, commissioning and operational lead(s)
- For retrofit projects the site manager(s)

Where capability gaps exist, please provide the approach to securing them. For key personnel that are not yet in post, as well as temporary workscopes/roles, please provide details of recruitment plans/strategies.

Please describe the status of any commercial agreements between parties within the delivery structure alongside plans to progress future agreements, including key milestones and any dependencies.

Please also provide details of any new legal entity to be created for the purpose of this Project. Where relevant please include any anticipated joint venture arrangements or agreements alongside the activities and associated timeline to finalise any joint venture arrangements.

Please describe the capability of the project developers and governance arrangements, including risk/cost acceptance decision making levels and escalation thresholds/processes.

References to supporting documentation for Section 4.1.2		
Document reference	Document name	Relevant page/section

4.1.3 Technical Maturity (750 words)

Please describe the level of project engineering definition providing the studies completed as evidence. With reference to the schedule, describe the studies to be completed and, where identified, who will complete them.

Please describe the project and provide supporting information detailing the following:

1. The location and layout of the project, clearly identifying related facilities and required third party connections;
2. Process description with schematics or process flow diagrams, including plans to meet CO_2 and, where applicable, fuel/co-product specifications;
3. Engagement with the supply chain to date including technology providers/licensors, contractors (tier 1 contractors or beyond), equipment suppliers, consultants and external advisors, and planned future engagement;
4. Maturity of the supply chain for this type of project;
5. Access to intellectual property and demonstration of the technology at scale for both components and system with evidence of the operating record of the technology (e.g., duration in service). The CO_2 capture quantities anticipated, capture rate, energy efficiency and any associated emissions;
6. For retrofit projects, the status and operation of any related facilities including remaining operational life, and any planned life extension programmes;
7. The status of required land, access and third-party connections required to deliver the project such as electricity, fuel, or water. Note; there is a separate section covering the CO_2 T&S network connection.

References to supporting documentation for Section 4.1.3		
Document reference	Document name	Relevant page/section

4.2 Project Schedule (1000 words)

Please provide an integrated schedule for the ICC Project. This shall be at least Level 2 detail, fully logic linked, identify the critical path and include any float. This should show when the ICC Project comes online, and any key milestones such as: planning, consents, decisions gates, long lead equipment items, gas and electricity grid connections if applicable, FID, COD, etc. This should also show progress to date against the stated Project schedule, with documentation and engineering information provided to demonstrate that the ICC Project is progressing to plan.

The schedule must be provided in both pdf and native file format - Primavera P6 (XER) or MS Project (XML/MSP).

Please provide a concise description of the schedule's critical path with reference to important parts of the schedule that the critical path is dependent on.

Please describe the development of the project business plan and how this relates to other key activities in the programme including securing intellectual property rights, finance and supply chain.

We recognise different projects are at varying degrees of development, so please provide the greatest level of detail currently available that is supportable with evidence.

Please describe areas of uncertainty in the schedule: if possible, please present the Base schedule with uncertainty ranges around individual activities and identify the key risks that

could expand these ranges further. Describe how the values used were estimated, with reference to supply chain engagement, industry databases, or experience used.

Reference to separate ‘What if’ scenarios or quantitative schedule risk analysis of the schedules would be beneficial to increase confidence of deliverability within a given time.

References to supporting documentation for Section 4.2		
Document reference	Document name	Relevant page/section

4.3 Planning and Consents (750 words)

With reference to the schedule, please provide a description of the planning and consents required for the Project and the route to securing those consents. This is expected to include planning consents and environmental permit(s). It would be beneficial to demonstrate evidence of engagement with the relevant planning and permitting authorities and their feedback, or expert advice on the most appropriate approach to planning and permitting. This should include engagement with advisory bodies which may influence planning and consenting processes (e.g., Natural England, NatureScot, etc.), not just the authorities and regulatory bodies themselves.

Please ensure that you highlight areas of risk and uncertainty surrounding planning and consents that could increase the durations or require design modifications to achieve approvals.

Please include a concise description of the arrangements for utility connections including the status of connection application, whether this is a new application or modification to existing, and any associated planning consent for the connections if separate to the Project planning consent.

Reference to a separate Planning and Consents Register would be helpful, as would any evidence of engagement with statutory bodies or preparation work for applications. We would anticipate planning and consent risk being an intrinsic element of the Project risk register.

References to supporting documentation for Section 4.3		
Document reference	Document name	Relevant page/section

4.4 Risk Management (1000 words)

Please provide a concise description of all the major risks to the ICC Project and how they are going to be mitigated. It would be beneficial to evidence the risk management approach with a risk management plan or reference to company procedures in compliance with industry standards such as ISO 31000. Additionally provide a description of how significant residual risks will be escalated, tracked and managed (e.g., accept, transfer, insure, etc.).

The separation of development, construction and operation phase risks would be preferable.

The risk registers should include:

- Risks for all elements of the Project and downstream chain risks, including interface risks and details on risk owners.
- Mitigations (e.g., eliminate, reduce, transfer, insurance, etc.) and how they will be managed, alongside estimated mitigation costs and post mitigation residual risks.
- Identification of risks that cannot be transferred to contractors or insurers or others.
- Probability estimates both pre and post mitigation.
- Three-point (high, low and most likely) impact estimates for cost and schedule impacts for both pre and post mitigation.
- Identification of any schedule activities that are impacted by the occurrence of each risk.
- Activity IDs included in the risk register.
- Any significant residual safety risks.
- Highlight Project innovation risks and mitigations.

Below are examples of key risks that may need to be considered in relation to the ICC Project (noting that this is not an exhaustive list of possible risks, and that certain market and cross chain risks are addressed in the proposed ICC business model)[3].

Development risks including:

- If existing assets (e.g., in a retrofit project) cannot be re-used after further assessment.
- Delays in obtaining planning consents and permits or any required licence, land access, or connection agreements.
- Changes to product specifications.
- Changes to CO_2 specifications and/or any other conflict with the published CCS Network Code.

Construction and commissioning risks including:

- Contractor interfaces.
- Insolvency of key suppliers.
- Supply chain delays and delivery delays of critical equipment items.
- Workforce / key skills availability.
- Commissioning dependencies including unavailability of downstream T&S.
- For retrofit projects, SIMOPs with existing facilities.

Operational risks including:

- Limited design and operational experience of type of plant.

[3] Applicants should refer to the ICC business model updates published in April 2024, October 2023, December 2022 and July 2022 for more information on risks.

- Underperformance of capture plant, increasing vented volumes of CO_2.
- Higher than expected energy consumption, increasing OpEx.
- For pre- or post-combustion capture, higher than expected solvent consumption, increasing OpEx.
- High emissions of pollutants (e.g., nitrogen compounds).
- Low availability/high downtime of capture plant, increasing vented volumes of CO_2 and resulting in greater intermittency.
- Delays or cancellations of downstream projects – stranded asset risk.
- Closure/bankruptcy of T&S – leaving capture plant as stranded asset.

Overarching or general risks including:

- Force majeure events.
- Regulatory risks for new technology or processes, for example, hydrogen – natural gas blending or other novel processes.

To increase our understanding of the Project and its credibility, the inclusion of an opportunity register alongside the risk register would be beneficial for the assessment.

A quantitative risk assessment for cost and schedule where available would be beneficial to evidence confidence in the estimates.

References to supporting documentation for Section 4.4		
Document reference	Document name	Relevant page/section

4.5 Project Controls & Cost Management

This section looks at the approaches and methods the project has and will be undertaking to control project development. Supporting evidence would be expected in the project execution plan.

4.5.1 Project Execution (1000 words)

In this section, please describe how the Industrial Carbon Capture Project intends to execute the project stage gates.

Please provide a construction plan and a concise explanation of any aspects of the project execution that apply novel construction / installation techniques, as well as those units considered to be of greatest challenge.

Provide a preliminary commissioning Plan, including any risks and uncertainties identified for the commissioning & start-up phase of the Project. How is the project planning to ensure that equipment is robustly tested for service and ready for handover without unduly threatening integrity.

Demonstrate how operations and maintenance are inputting into the project execution, to ensure that the plant being developed is fit to operate for the contract lifespan, and appropriately considers human factors.

Additionally, please provide a concise description of the Management of Change process to be followed through project progression including how the following change (& no change) impacts will be assessed and considered:

- Impacts to Costs.
- Impacts to HSE Risks.
- Impacts to Schedule.

Along with how disputes might be resolved with stakeholders over changes or issues.

References to supporting documentation for Section 4.5.1.		
Document reference	Document name	Relevant page/section

4.5.2 Procurement Strategy (750 words)

Please provide a concise outline of the proposed approach to contracting strategy and procurement;

1. Proposed work package structure, with procurement and contracting structure(s).
2. Proposed approach for transparent and competitive procurement, demonstrating value for money throughout supply chain.
3. Proposed approach to managing and sharing construction risk throughout the supply chain (e.g., labour costs, weather risk, etc.).
4. The team structure which will efficiently procure and manage all contracts for the duration of the project.
5. The quality controls / assurance used to ensure deliverables of the required standard.

Supporting evidence for proposed approach might be included in a project execution plan and/or contract map.

References to supporting documentation for Section 4.5.2.		
Document reference	Document name	Relevant page/section

4.5.3 Engineering for Value (500 words)

Please discuss the Project's approach to rationalising the facility design and avoiding overengineering. Assurance should be provided that where more complex and costly options are pursued, these are appropriately justified, with reference to appropriate studies (e.g., reliability, safety/other risk, technology readiness). We would expect to see examples including:

- Process simplification workshops / studies,
- A Value Engineering or Opportunities Register (with appropriate action tracking),
- Rationalisation of non-standard equipment,
- Competitive engineering designs,

- Decision papers and methodology.

References to supporting documentation for Section 4.5.3		
Document reference	Document name	Relevant page/section

4.6 Financial and Commercial

This section aims to understand the financial and commercial health of all the companies involved in the development of the ICC Project and the proposed financing plan for the ICC Project.

Each company participating in the development of the ICC Project must provide an individual response to this section. To support this assessment, please submit:

- A completed Financial Statement Form (Annex C), and
- Associated financial documents as requested in Annex C,
- for each company-level response on business plan and financial health.

These company-level responses should be submitted alongside the overarching Project Plan and financing plan.

4.6.1 A - Business plan and financial health – company level (750 words)

Note: Each company participating in the development of the ICC Project must provide a response. Multiple responses (A, B, C etc.) may be necessary if the ICC Project is being developed in partnership.

Please describe the following:

- How your company business plans and industrial output have been impacted by recent significant events since the start of 2020, e.g., COVID-19 and Ukraine War supply chain shocks.

- What is the outlook for the company out to 2032? (Your answer should include, but not be limited to, a description of, and rationale for, expected trends in revenue, overheads and profitability, plus a comparison of these to the historical period.)
- Describe how the Project aligns with the company's overall strategic ambitions in the UK to 2032 and beyond.

Please provide copies of the latest two sets of audited accounts, any accompanying reports, management accounts covering the remainder of the current financial year, and forecast financial accounts covering the remainder of the current financial year and a further ten years for the following companies where applicable:

1. The company or companies operating the Project;
2. The company or companies financing the Project;
3. The company or companies responsible for key investment decisions in relation to this Project;
4. The group parent company or companies (e.g., consolidated accounts) and ultimate parent. For the avoidance of doubt, the group parent should be regarded as the largest group in which the accounts of the companies operating and/or financing the Project are consolidated.

In support of these accounts and reports for the above entities, please include key assumptions underlying financial forecasts.

Please confirm that accounts for the above entities have not received a qualified audit report in any of the previous five years. Highlight any areas of material uncertainty raised by auditors in this period.

Please confirm if the corporate group currently has any financial obligation to HMG and provide details where applicable.

References to supporting documentation for Section 4.6.1 A		
Document reference	Document name	Relevant page/section

4.6.2 B - Business plan and financial health – company level (750 words)

Note: Each company participating in the development of an individual project must provide a response. Multiple responses may be necessary where projects are being developed in partnership.

Please see Section 4.6.1 A for further details.

References to supporting documentation for Section 4.6.2 B		
Document reference	Document name	Relevant page/section

4.6.3 C - Business plan and financial health – company level (750 words)

Note: Each company participating in the development of an individual project must provide a response. Multiple responses may be necessary where projects are being developed in partnership.

Please see Section 4.6.1 A for further details.

References to supporting documentation for Section 4.6.3 C		
Document reference	Document name	Relevant page/section

4.6.4 D - Business plan and financial health – company level (750 words)

Note: Each company participating in the development of an individual project must provide a response. Multiple responses may be necessary where projects are being developed in partnership.

Please see Section 4.6.1 A for further details.

References to supporting documentation for Section 4.6.4 D		
Document reference	Document name	Relevant page/section

4.6.5 E - Business plan and financial health – company level (750 words)

Note: Each company participating in the development of an individual project must provide a response. Multiple responses may be necessary where projects are being developed in partnership.

Please see Section 4.6.1 A for further details. If additional entries are needed to cover all companies participating in the development, please insert new sections 4.6.5 F Company etc.

References to supporting documentation for Section 4.6.5 E		
Document reference	Document name	Relevant page/section

4.6.6 Financing plan – Project level (1000 words)

Note: In the event of multiple participants in a project, we would expect to see a single overarching financing plan and for it to be clear how each participant fits into that.

Please describe the proposed financing arrangements for progressing the Project (e.g., corporate finance, project finance, etc.). Applicants will be required to show that they have the appropriate financial support to be operational or can present a detailed and credible plan for how they intend to obtain the finances necessary to fund their project at its current expected cost. TAA Projects must provide details of sufficient alternative sources of support (e.g., public funding or private investment) and/or revenue, and provide supporting evidence.

Responses should distinguish between different stages of the Project and explain what is needed to achieve a final investment decision. Within your answer, please provide the timeline, dependencies, key risks and mitigations for the financing process. Please also detail the assumptions underpinning the financing plan including key ratios.

- If the Project will be financed by intragroup financing or external debt arrangements that already exist, then please provide a summary of those arrangements. Your summary of the debt arrangements should reference any factors that are material to the financing e.g., headroom, duration, security, and covenants.

- If new capital needs to be raised then set out the type and amount of finance anticipated, the level of market engagement that has taken place, feedback received, as well as the activities and timescale needed to secure the financing. Please provide any previous experience of bank launches and the current strategy of any future launch.

Please summarise the status of key agreements needed to realise the Project and the plans to finalise them, e.g., shareholder/sponsor documents, loan and security documents, and Project documents. Please include demonstration of any (not necessarily committed) interest from providers of capital. Supporting evidence may include letters of support, memoranda of understanding, letters of intent, or commercial agreements from financiers.

Evidence of risk mitigation for the financing process may include plans in the event of a change in market conditions or original funding plans e.g., scenario analysis completed on alternative funding routes.

References to supporting documentation for Section 4.6.6		
Document reference	Document name	Relevant page/section

4.6.7 Other Subsidy Support

If applicable, does your project intend to make use of other allowed subsidy support mechanisms, e.g., Renewable Transport Fuel Obligation (RTFO) and/or Sustainable Aviation Fuel Mandate (SAFM) support? If your Project relies on RTFO and/or SAFM you must provide evidence that confirms that the portion of energy/fuel being claimed against the RTFO/SAFM may be eligible for RTFO/SAFM support.

Supporting evidence on RFTO/SAFM support includes, at a minimum, documentation outlining how the Project meets the requirements of the RTFO/SAFM. Evidence can also include early engagement with the RTFO/SAFM Administrator regarding the Project (e.g., email chains) or a provisional letter from the RTFO/SAFM Administrator confirming that, in principle, Renewable Transport Fuel Certificates (RTFCs)/SAF Mandate Certificates are eligible to be issued in respect of the fuel produced by the project.

References to supporting documentation for Section 4.7.7		
Document reference	Document name	Relevant page/section

4.6.8 CO_2 T&S Dependencies (1000 words)

Please explain the implications, both financial and deliverability, for your project from the following scenarios:

- T&S commissioning delay (3 months, 6 months, 1 year)
- T&S constraint leading to 50% registered capacity (1 month, 3 months, 6 months)
- T&S outage (3 months, 6 months, 1 year)
- Unplanned T&S closure / decommissioning (include any risk of stranded asset)

Evidence is expected to include inclusion of detailed items in the submitted risk register, aligned with the summaries above.

References to supporting documentation for Section 4.7.8		
Document reference	Document name	Relevant page/section

4.6.9 Transition Access Agreement (TAA) Dependencies (500 words) – TAA users ONLY

We are minded not to provide ongoing revenue support to TAA in relation to T&S Charges. However, where T&S Charges support is essential for projects to sign a TAA, and that this need is clearly evidenced, DESNZ is considering providing limited support in relation to T&S Charges on a case-by-case basis.

Applicants seeking indicative T&S fees should contact the ECC T&S Co (NEP), directly. NEP can provide a range of indicative T&S fees to support your application. Under the RAB, where there is underutilisation of the network, CO_2 T&S charges are expected to increase proportionally, up to a mutualisation cap.

Please include:

- Whether you have reviewed NEP's T&S fee scenarios
- Across the 10-year contract, the maximum £/tCO_2 T&S charge you expect can be met by the project (in real terms, consistent with other entered values).
- Clearly indicate tolerance for T&S charge variability (i.e., due to network underutilisation) and impact on project business model

References to supporting documentation for Section 4.7.9		
Document reference	Document name	Relevant page/section

4.7 CO_2 T&S Network Connection (1000 Words)

Please describe the connection between the Project and the CO_2 T&S network. This should include, as applicable:

- The battery limits of the Project, the intended interface point where responsibility for the connection is assumed, custody transfer of the captured CO_2 will take place, and the eventual ownership and operational boundaries.
- The intermediate pipework in private land or pipelines in public land to connect to the T&S network, major crossings.
- Confirmation of familiarity with the published CCS Network Code and acknowledgement of the processes defined therein.
- Evidence of engagement with the CO_2 T&S Co, including agreements in place.
- Evidence of engagement with land holders and/or a plan to secure access rights.
- A schedule of T&S spur development.

The information to answer this section could come from collaboration with the CO_2 T&S Co or a high-level route options study by the applicant.

Please describe quality controls and required processing for the CO_2 entering the CO_2 T&S network and how this meets the T&S specification. Please describe how the engineering solution is aligned to meet the T&S CO_2 specification (including impurity thresholds and

measurement frequencies) and what measures are in place to detect formation of off-spec CO_2 and prevent any from entering the T&S network.

Please describe the intended operating regime for the capture plant export to the CO_2 T&S network and any measures planned to manage intermittency or operability of the T&S network. In evidence, please provide a table showing annual mass flow rate of CO_2 to the T&S network and the expected CO_2 percentage (on a mass basis) in the CO_2 rich export stream.

Supporting evidence is expected to include:

- Evidence of engagement, and any agreements in place, with the relevant transport and storage company (T&S Co),
- Engineering or routing studies for the T&S connection,
- Annual mass flow rate of CO_2 and CO_2 percentage (mass basis) in the CO_2 rich export stream;
- Evidence of T&S CO_2 specification compliance
- Diagrams showing battery limits and the intended interface point,
- Any land agreements, and
- Any planned delivery schedule.

References to supporting documentation for Section 4.7		
Document reference	Document name	Relevant page/section

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