# Decarbonisation Deployment Proposal Form

The questions that you will be asked may depend on the characteristics of the lead applicant, project partners, site, and technology.

This document provides an overview of all questions that could be asked in each section of the Decarbonisation proposal form. The key for identifying standard versus proposal specific sections is as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | **Standard section**  |   |   | **Proposal specific section**  |

If you are working on elements of the application form in an offline version, please ensure that you leave sufficient time ahead of the window deadline to upload your answers. We will not accept applications that are not submitted via Smart Survey.

Please note that the numbering of the questions you see in the online application form may differ to the numbering in this form.

**1. Part 0: Start**

This Decarbonisation Deployment Application form is for applicants proposing a Decarbonisation deployment project. The Decarbonisation deployment strand will be appropriate if you intend to deploy a technology solution(s) that will reduce the emissions produced by your industrial processes. Typically, this could involve a switch to a lower carbon fuel or the direct abatement of onsite emissions, for example through carbon capture. A reduction in your existing fuel use, without a fuel switch, would not be classed as a decarbonisation project but may be in scope for the energy efficiency strand of the competition.

Please ensure you have submitted the Applicant Details form before completing this Decarbonisation Deployment Application form.

To help us match this Decarbonisation Deployment Proposal form with your Applicant Details form, please upload your Applicant Details form here.

### **1. Please upload your submitted Applicant Details form here. \***

|  |
| --- |
|  File: {{filename}} |

Choose File

Uploading...

If you do not have your submitted Applicant Details responses, please give detail of you and your business to help us match the application forms.

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### **2. Name of lead applicant.Please ensure the lead applicant is identical to that used in the Applicant Details form. \***

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### **3. Lead applicant's e-mail.Please ensure the lead applicant is identical to that used in the Applicant Details form. \***

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**2. Part 1: Partners (1/12)**

### **4. Will you be undertaking this project with other organisations who will act as project partners?Lead applicants can collaborate with other organisations provided the project partners meet the criteria below. To collaborate with the lead the organisation must:be a business of any size, a research organisation, a research and technology organisation, an academic institution, charity or a public sector organisation be registered in the UK carry out its project work in relation to the lead applicant's site located in England, Wales or Northern Ireland. If the lead is collaborating with project partners, then the costs relating to the lead and project partners must be included in the application. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**3. Part 1: Partners (2/12)**

### **5. Name of project partner. \***

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|   |

### **6. Is the partner organisation registered on Companies House? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**4. Part 1: Partners (3/12)**

### **7. UK business registration number.The business registration number should be 8 characters long. This can be found on Companies House. \***

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**5. Part 1: Partners (4/12)**

### **8. Alternative business record.If the partner organisation does not have a Companies House registration number, please provide the organisation's HMRC Unique Taxpayer Reference number. This should be ten digits long. Alternatively, please explain why this information cannot be provided at this time. \***

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**6. Part 1: Partners (5/12)**

### **9. Project partner's full registered address.Businesses must be registered in England, Wales, Northern Ireland, or Scotland to be eligible.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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|   |

### **10. Country. \***

|  |  |
| --- | --- |
|    | England |
|    | Scotland |
|    | Wales |
|    | Northern Ireland |

### **11. Postcode \***

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|   |

### **12. How many people are employed by the project partner?From the project partner's most recent annual accounts, can be based on an average from the last two reporting periods. \***

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|   |

### **13. Is this project partner acting economically in the project team?This means where a project partner is incurring costs. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**The following questions relate to your partner.**

### **14. Are you in receipt of, or are you intending to apply for, any other funding provided under the same set of eligible costs as this competition?If the answer is "yes" this constitutes duplicate funding and is not eligible for grant award funding.**

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **15. Have you received other public sector funding in the last 3 years, or will you be receiving other public sector funding in the next 3 years (where you have applied and been successful)?If you answer "yes" to this question, you may be asked further questions at due diligence stage to ascertain whether your organisation will be in receipt of more than 325,000 Special Drawing Rights as defined in the EU-UK Trade and Cooperation Agreement or, in the case of projects subject to the Northern Ireland Protocol, more than the €200,000 de minimis threshold as defined in EU General Block Exemption Regulation; both sums are over a three year fiscal period. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**7. Part 1: Partners (11/12)**

### **16. Do you have a second additional partner? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**8. Part 1: Partners (2/12) Partner 2**

### **17. Name of project partner. \***

|  |
| --- |
|   |

### **18. Is the partner organisation registered on Companies House? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**9. Part 1: Partners (3/12) Partner 2**

### **19. UK business registration number.The business registration number should be 8 characters long. This can be found on Companies House. \***

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**10. Part 1: Partners (4/12) Partner 2**

### **20. Alternative business record.If the partner organisation does not have a Companies House registration number, please provide the organisation's HMRC Unique Taxpayer Reference number. This should be ten digits long. Alternatively, please explain why this information cannot be provided at this time. \***

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**11. Part 1: Partners (5/12) Partner 2**

### **21. Project partner's full registered address.Businesses must be registered in England, Wales, Northern Ireland, or Scotland to be eligible.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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|   |

### **22. Country. \***

|  |  |
| --- | --- |
|    | England |
|    | Scotland |
|    | Wales |
|    | Northern Ireland |

### **23. Postcode \***

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### **24. How many people are employed by the project partner?From the project partner's most recent annual accounts, can be based on an average from the last two reporting periods. \***

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### **25. Is this project partner acting economically in the project team?This means where a project partner is incurring costs. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**The following questions relate to your partner.**

### **26. Are you in receipt of, or are you intending to apply for, any other funding provided under the same set of eligible costs as this competition?If the answer is "yes" this constitutes duplicate funding and is not eligible for grant award funding. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **27. Have you received other public sector funding in the last 3 years, or will you be receiving other public sector funding in the next 3 years (where you have applied and been successful)?If you answer "yes" to this question, you may be asked further questions at due diligence stage to ascertain whether your organisation will be in receipt of more than 325,000 Special Drawing Rights as defined in the EU-UK Trade and Cooperation Agreement or, in the case of projects subject to the Northern Ireland Protocol, more than the €200,000 de minimis threshold as defined in EU General Block Exemption Regulation; both sums are over a three year fiscal period. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**12. Part 1: Partners (11/12) Partner 2**

### **28. Do you have a third additional partner? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**13. Part 1: Partners (2/12) Partner 3**

### **29. Name of project partner. \***

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### **30. Is the partner organisation registered on Companies House? \***

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| --- | --- |
|    | Yes |
|    | No |

**14. Part 1: Partners (3/12) Partner 3**

### **31. UK business registration number.The business registration number should be 8 characters long. This can be found on Companies House. \***

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**15. Part 1: Partners (4/12) Partner 3**

### **32. Alternative business record.If the partner organisation does not have a Companies House registration number, please provide the organisation's HMRC Unique Taxpayer Reference number. This should be ten digits long. Alternatively, please explain why this information cannot be provided at this time. \***

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**16. Part 1: Partners (5/12) Partner 3**

### **33. Project partner's full registered address.Businesses must be registered in England, Wales, Northern Ireland, or Scotland to be eligible.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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### **34. Country. \***

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| --- | --- |
|    | England |
|    | Scotland |
|    | Wales |
|    | Northern Ireland |

### **35. Postcode \***

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### **36. How many people are employed by the project partner?From the project partner's most recent annual accounts, can be based on an average from the last two reporting periods. \***

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### **37. Is this project partner acting economically in the project team?This means where a project partner is incurring costs. \***

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| --- | --- |
|    | Yes |
|    | No |

**The following questions relate to your partner.**

### **38. Are you in receipt of, or are you intending to apply for, any other funding provided under the same set of eligible costs as this competition?If the answer is "yes" this constitutes duplicate funding and is not eligible for grant award funding. \***

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| --- | --- |
|    | Yes |
|    | No |

### **39. Have you received other public sector funding in the last 3 years, or will you be receiving other public sector funding in the next 3 years (where you have applied and been successful)?If you answer "yes" to this question, you may be asked further questions at due diligence stage to ascertain whether your organisation will be in receipt of more than 325,000 Special Drawing Rights as defined in the EU-UK Trade and Cooperation Agreement or, in the case of projects subject to the Northern Ireland Protocol, more than the €200,000 de minimis threshold as defined in EU General Block Exemption Regulation; both sums are over a three year fiscal period. \***

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|    | Yes |
|    | No |

**17. Part 1: Partners (11/12) Partner 3**

### **40. Do you have a fourth additional partner? \***

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|    | Yes |
|    | No |

**18. Part 1: Partners (2/12) Partner 4**

### **41. Name of project partner. \***

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### **42. Is the partner organisation registered on Companies House? \***

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| --- | --- |
|    | Yes |
|    | No |

**19. Part 1: Partners (3/12) Partner 4**

### **43. UK business registration number.The business registration number should be 8 characters long. This can be found on Companies House. \***

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**20. Part 1: Partners (4/12) Partner 4**

### **44. Alternative business record.If the partner organisation does not have a Companies House registration number, please provide the organisation's HMRC Unique Taxpayer Reference number. This should be ten digits long. Alternatively, please explain why this information cannot be provided at this time. \***

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**21. Part 1: Partners (5/12) Partner 4**

### **45. Project partner's full registered address.Businesses must be registered in England, Wales, Northern Ireland, or Scotland to be eligible.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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### **46. Country. \***

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| --- | --- |
|    | England |
|    | Scotland |
|    | Wales |
|    | Northern Ireland |

### **47. Postcode \***

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### **48. How many people are employed by the project partner?From the project partner's most recent annual accounts, can be based on an average from the last two reporting periods. \***

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### **49. Is this project partner acting economically in the project team?This means where a project partner is incurring costs. \***

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|    | Yes |
|    | No |

**The following questions relate to your partner.**

### **50. Are you in receipt of, or are you intending to apply for, any other funding provided under the same set of eligible costs as this competition?If the answer is "yes" this constitutes duplicate funding and is not eligible for grant award funding. \***

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|    | Yes |
|    | No |

### **51. Have you received other public sector funding in the last 3 years, or will you be receiving other public sector funding in the next 3 years (where you have applied and been successful)?If you answer "yes" to this question, you may be asked further questions at due diligence stage to ascertain whether your organisation will be in receipt of more than 325,000 Special Drawing Rights as defined in the EU-UK Trade and Cooperation Agreement or, in the case of projects subject to the Northern Ireland Protocol, more than the €200,000 de minimis threshold as defined in EU General Block Exemption Regulation; both sums are over a three year fiscal period. \***

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|    | Yes |
|    | No |

**22. Part 1: Partners (11/12) Partner 4**

### **52. Do you have a fifth (and final) additional partner? \***

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|    | Yes |
|    | No |

**23. Part 1: Partners (2/12) Partner 5**

### **53. Name of project partner. \***

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### **54. Is the partner organisation registered on Companies House? \***

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|    | Yes |
|    | No |

**24. Part 1: Partners (3/12) Partner 5**

### **55. UK business registration number.The business registration number should be 8 characters long. This can be found on Companies House. \***

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**25. Part 1: Partners (4/12) Partner 5**

### **56. Alternative business record.If the partner organisation does not have a Companies House registration number, please provide the organisation's HMRC Unique Taxpayer Reference number. This should be ten digits long. Alternatively, please explain why this information cannot be provided at this time. \***

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**26. Part 1: Partners (5/12) Partner 5**

### **57. Project partner's full registered address.Businesses must be registered in England, Wales, Northern Ireland, or Scotland to be eligible.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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### **58. Country. \***

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| --- | --- |
|    | England |
|    | Scotland |
|    | Wales |
|    | Northern Ireland |

### **59. Postcode \***

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### **60. How many people are employed by the project partner?From the project partner's most recent annual accounts, can be based on an average from the last two reporting periods. \***

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### **61. Is this project partner acting economically in the project team?This means where a project partner is incurring costs. \***

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|    | Yes |
|    | No |

**The following questions relate to your partner.**

### **62. Are you in receipt of, or are you intending to apply for, any other funding provided under the same set of eligible costs as this competition?If the answer is "yes" this constitutes duplicate funding and is not eligible for grant award funding. \***

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| --- | --- |
|    | Yes |
|    | No |

### **63. Have you received other public sector funding in the last 3 years, or will you be receiving other public sector funding in the next 3 years (where you have applied and been successful)?If you answer "yes" to this question, you may be asked further questions at due diligence stage to ascertain whether your organisation will be in receipt of more than 325,000 Special Drawing Rights as defined in the EU-UK Trade and Cooperation Agreement or, in the case of projects subject to the Northern Ireland Protocol, more than the €200,000 de minimis threshold as defined in EU General Block Exemption Regulation; both sums are over a three year fiscal period. \***

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|    | Yes |
|    | No |

**27. Part 1: Partners (12/12)**

### **64. Have you signed, or will you sign, a collaboration agreement with the project partners?The lead applicant will be responsible for signing a Grant Funding Agreement with DESNZ. All members of a project team will be required to enter into a collaboration agreement before the project begins. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**28. Part 2: Project Eligibility (1/5)**

### **65. Project name.Provide a short title summarising the proposal. This could reference the type of technology, the industrial process, or the overall outcome of the project. This may be used for publicity purposes. This should be the same name as used in the Applicant Details form. \***

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### **66. Please provide a description of the project.Describe your proposed project. You should include information about:The nature of the industrial process and the problem to be solved The proposed technology solution The expected outcomes from the project including emissions and energy savings Projects that involve installing a heat pump where the heat is sourced from the natural environment should provide evidence that the heat pump will achieve appropriate performance across the year Carbon capture projects should include information about the CO2 capture rate and expected quality of the captured CO2 Fuel switching projects should include details of the new fuel. Maximum word count: 400. \***

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### **67. Does your project contain elements of Non-Road Mobile Machinery?Non-Road Mobile Machinery must be necessary to, and a part of, the industrial process and located within the boundary of the eligible site. Please see Applicant Guidance Section 3 for more information. \***

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| --- | --- |
|    | Yes |
|    | No |

**29. Part 2: Project Eligibility (2/5)**

### **68. Is the Non-Road Mobile Machinery located within the boundary of your eligible site and will remain located at that site as part of your industrial process?The machinery must be located within the boundary of the eligible site. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **69. Please explain how the Non-Road Mobile Machinery elements of your proposal are necessary to, and a part of, your site's industrial process.Maximum word count: 150. \***

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**30. Part 2: Project Eligibility (3/5)**

### **70. Outline the metering equipment you already have in place or plan to install as part of the project and explain how this will be suitable for measuring, collecting and supplying the data required to comply with long term benefits and compliance monitoring.The type of metering equipment required will depend on the technology you are using and the associated information that you are required to provide for compliance and benefits monitoring. Further detail can be found in section 8 of the guidance document.Maximum word count: 400. \***

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### **71. Is the intended outcome of the technology solution primarily energy efficiency or decarbonisation?Energy efficiency technologies should aim to reduce the energy consumed by industrial processes at site level, attributing benefits to both the bill savings and any associated emissions savings.Decarbonisation technologies will reduce the emissions produced by industrial processes at site level. While in some cases there may be an associated energy saving this is not the key driver for the proposal and energy bills may in fact increase. \***

|  |  |
| --- | --- |
|    | Energy Efficiency |
|    | Decarbonisation |

### **72. What is the anticipated start date?This is the date when you intend to start work. We expect successful IETF projects to be notified of the outcome of the initial assessment stage in October 2024. We would expect completion of due diligence, production of your M&V Plan to DESNZ satisfaction and agreement of our proposed Grant Funding Agreement to be completed by December 2024, although this may depend on the size and complexity of the project and your ability to provide any necessary additional information in a timely manner. Please ensure that your start date is not earlier than December 2024.Deployment projects must start no later than 1 July 2025. \***

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|   |   DD/MM/YYYY |   |
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### **73. What is the anticipated project completion date?This is the date when you intend to complete work i.e. the equipment has been installed or is ready to operate. Deployment projects must be completed by 31 March 2028. \***

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|   |   DD/MM/YYYY |   |
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**31. Part 2: Project Eligibility (4/5)**

### **74. Is this a CHP fuel switching project? \***

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| --- | --- |
|    | Yes |
|    | No |

**32. Part 2: Project Eligibility (5/5)**

### **75. Does the lead applicant or project team use at least 70% of both the end heat and power output? Or will they at project completion?Applications investigating eligible fuel switches for CHP plants will be considered in scope provided that at least 70% of both the heat output and electricity output produced by the CHP plant is used for an eligible process by the lead applicant or project partners. The lead applicant must in this case be an eligible end-user, and the CHP operator must be a collaborating partner on the project. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**33. Part 3: Site Eligibility (1/3)**

### **76. Will the proposed IETF project be affected by a planned site relocation in future? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**34. Part 3: Site Eligibility (2/3)**

### **77. What SIC code most closely defines the activity at the current site which will be the focus of the project?The SIC code should be 5 characters long and based on your assessment of the activity which is carried out at your site. In some cases, this may be different from your business SIC code where activities at site level are not reflected in your Companies House record. You can find a full list of SIC codes at https://www.gov.uk/government/publications/standard-industrial-classification-of-economic-activities-sic (opens in new tab). \***

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### **78. What is the address of your current eligible site?Sites must be located in England, Wales or Northern Ireland.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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|   |

### **79. Country \***

|  |  |
| --- | --- |
|    | England |
|    | Wales |
|    | Northern Ireland |

### **80. Postcode \***

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### **81. What SIC code most closely defines the activity at the new site which will be the focus of the project?The SIC code should be 5 characters long and based on your assessment of the activity which is carried out at your site. In some cases, this may be different from your business SIC code where activities at site level are not reflected in your Companies House record. You can find a full list of SIC codes at https://www.gov.uk/government/publications/standard-industrial-classification-of-economic-activities-sic (opens in new tab). \***

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### **82. What is the address of the new eligible site?Sites must be located in England, Wales or Northern Ireland.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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|   |

### **83. Country \***

|  |  |
| --- | --- |
|    | England |
|    | Wales |
|    | Northern Ireland |

### **84. Postcode \***

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### **85. What is the anticipated site relocation date?IETF deployment projects must start no later than 1 July 2025. Please ensure your site relocation schedule fits into IETF timescales. \***

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|   |   DD/MM/YYYY |   |
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### **86. What is the anticipated start-up date at the new site?IETF deployment projects must be completed by 31 March 2028. Please ensure your site relocation schedule fits into IETF timescales. \***

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|   |   DD/MM/YYYY |   |
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### **87. If you wish, you may upload one piece of documentation to support your answer.**

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| --- |
|  File: {{filename}} |

Choose File

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**35. Part 3: Site Eligibility (3/3)**

### **88. What SIC code most closely defines the activity at the site which will be the focus of the project?The SIC code should be 5 characters long and based on your assessment of the activity which is carried out at your site. In some cases, this may be different from your business SIC code where activities at site level are not reflected in your Companies House record. You can find a full list of SIC codes at https://www.gov.uk/government/publications/standard-industrial-classification-of-economic-activities-sic (opens in new tab). \***

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### **89. What is the address of the site which will be the focus of the study?Sites must be located in England, Wales or Northern Ireland.Please enter the address in the box below, excluding the country and postcode which are requested separately in the following questions. \***

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### **90. Country \***

|  |  |
| --- | --- |
|    | England |
|    | Wales |
|    | Northern Ireland |

### **91. Postcode \***

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### **92. The IETF supports deployment projects that involve installing or retrofitting a technology solution(s) within the boundary of the lead applicant's site(s). Please confirm your project meets these criteria and briefly explain how.Your answer should include details of:- How you have defined your business's site (e.g. the boundary within which work occurs)- Details of any works required beyond the boundary of the site and how these have been excluded from the application.Maximum word count: 200. \***

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### **93. The IETF is targeted at existing sites and industrial processes. Please confirm your project meets these criteria and briefly explain how.Your answer should include details of:- How long the site has been established (years)- How long the identified process has been carried out at the site for (years)- Any changes in operations at the site which would occur during or following completion of the project.Maximum word count: 200. \***

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**36. Part 4: Technology Eligibility (1/21)**

### **94. Which technology best describes your project type?Please select "other" if your technology solution is not listed. \***

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|    | CCUS |
|    | Carbon capture on existing bioenergy facility |
|    | Fuel switch: Biomass |
|    | Fuel switch: Biomass with carbon capture (BECCS) |
|    | Fuel switch: Biogas/biomethane |
|    | Fuel switch: Biogas/biomethane with carbon capture (BECCS) |
|    | Fuel switch: Waste |
|    | Fuel switch: Compressed/Liquid Natural Gas |
|    | Fuel switch: Grid gas |
|    | Fuel switch: Low carbon hydrogen |
|    | Fuel switch: Electrification |
|    | Fuel switch: Other |
|    | Other (technology achieving onsite emission savings) |

**37. Part 4: Technology Eligibility (2/21)**

### **95. If 'Fuel switch: Other', please specify.Maximum word count: 100. \***

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**38. Part 4: Technology Eligibility (3/21)**

### **96. If 'Other (technology achieving onsite emission savings)' please specify.Maximum word count: 100. \***

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**39. Part 4: Technology Eligibility (4/21)**

### **97. What is the Technology Readiness Level (TRL) of the proposed technology solution?GuidanceTRLs are used to describe the level of maturity of the technology. You must choose one value per project from the following range:TRL 1 - Basic principle observedTRL 2 - Technology concept formulatedTRL 3 - Experimental proof of conceptTRL 4 - Technology validated in labTRL 5 - Technology validated in relevant environmentTRL 6 - Technology demonstrated in relevant environmentTRL 7 - Prototype demonstration in operational environmentTRL 8 - Technology qualified through test and demonstrationTRL 9 - Technology proven in operational environmentIf components of the solution have different TRLs please enter the lowest applicable value.To be eligible for IETF support, your technology solution needs to have reached at least TRL 7. \***

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|    | 8 |
|    | 9 and above |

### **98. Please describe how your proposed technology solution has achieved the TRL selected.For example provide details of where, when and how the technology was demonstrated in an operational environment (this may be within or outside of the UK). You may provide links to relevant websites or one attachment of documentation.Maximum word count: 200. \***

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### **99. If you wish, you may upload documentation to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.(Optional)Upload at most one file. The file must be less than 15 MB.File formats: File must be one of the following file formats: .pdf, .txt, .doc, .docx, .odt, .xls, .xlsx, .ods, .ppt, .pptx, .odp, .jpg, .jpeg, .pngGuidance on file names:When naming a file for uploading, please include the relevant question number and name of the document, as well as the name of the project and proposal number (where part of an aggregated proposal).**

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**40. Part 4: Technology Eligibility (5/21)**

### **100. Does the site have access to the national or local gas grid? Or will it have access once the project is completed? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **101. Does the site have access to the electricity grid, local smart grid, micro grid or onsite renewable generation? Or will it have access once the project is completed? \***

|  |  |
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|    | Yes |
|    | No |

**41. Part 4: Technology Eligibility (6/21)**

### **102. Does this carbon capture project involve utilisation or transportation and storage of the captured CO2?If your project will either utilise the captured CO2 in onsite processes, or transport it to another business for them to utilise in their processes, then select option 1.If your project will capture the CO2 and then transport it to a permanent storage facility then select option 2. \***

|  |  |
| --- | --- |
|    | Option 1: Carbon capture and utilisation (CCU) |
|    | Option 2: Carbon capture with transportation and storage |
|    | Option 3: N/A |

### **103. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **104. Will the carbon capture technology begin capturing CO2 for utilisation or transportation and storage within 5 years of the project completion date? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **105. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**42. Part 4: Technology Eligibility (7/21)**

### **106. If your carbon capture project intends to utilise the captured CO2, do you have an identified end user or customer to utilise the captured CO2? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **107. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**43. Part 4: Technology Eligibility (8/21)**

### **108. If your carbon capture project intends to transport the captured CO2 to a storage facility, have you identified a transportation and storage network for the captured CO2?A transportation and storage network encompasses a business(es) which owns the infrastructure that transports the CO2 from capture point source to the storage facility, and the storage facility where the CO2 is stored permanently. Different elements of the network may be owned by different businesses and applicants will need to have identified and have arrangements with businesses covering the entire transportation and storage process. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **109. If you have an identified carbon transportation and storage network for the captured CO2, is this storage permanent?Permanent storage means the CO2 is stored in a manner that will not result in the CO2 being released into the atmosphere at a later date. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **110. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**44. Part 4: Technology Eligibility (9/21)**

### **111. Will the biomass be utilised in an existing heat use or where it is substituting energy previously supplied through other means? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **112. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **113. Will the project comply with local, regional and national air quality regulation? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **114. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **115. Will the proposed biomass feedstock be sourced from a supplier on the Biomass Suppliers List or Sustainable Fuel Register, or if not, does the biomass feedstock comply with the sustainability requirements outlined in Schedule 3 of the Renewable Heat Incentive Scheme Regulations 2018? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **116. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **117. Does the proposed feedstock meet the sustainability requirements set out in Schedule 3 of the Renewable Heat Incentive Scheme Regulations 2018? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **118. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **119. Describe how the proposed feedstock will meet the eligibility criteria including through means such as being sourced from either the Biomass Suppliers List (woody biomass) or the Sustainable Fuels Register (non-woody biomass), or if not, through demonstrating compliance with the sustainability requirements of Schedule 3 of the Renewable Heat Incentive Regulations (2018).You must include the unique identifier code of the supplier to evidence that it is from either the Biomass Suppliers List or the Sustainable Fuels Register. You also need to explain how the feedstock complies with Schedule 3 of the RHI regulations (2018).Maximum word count: 150. \***

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### **120. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **121. Is the biomass project being used to heat or power an industrial process where the operational temperature of the industrial process or processes being heated is equal to or more than 240 degrees Celsius? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **122. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **123. Will the biomass project involve costs associated with conversion of biomass to biofuels for later use or to upgrade to biomethane for injection into the gas grid?The project should not be using grant funding for any equipment related to a process that will convert any portion of the biomass feedstock into other fuels such as biomethane. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **124. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **125. What is the operational temperature of the industrial process being heated by the biomass?Your answer could include an explanation of the industrial process and its temperature requirements.Documentation, such as that related to the plant design, which details the operational temperature will be accepted as supporting evidence but you should note this will need to be assessed and the answer must be included in the text box.Maximum word count: 150. \***

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### **126. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**45. Part 4: Technology Eligibility (10/21)**

### **127. Explain how you have or will obtain appropriate permits, accreditations or other documentation required to comply with local, regional and national air quality regulation.Your answer could include an explanation of the process required to acquire relevant permits, accreditations or other documentation for the project to comply with local, regional or national air quality regulations including details of how the project will meet the criteria.Where a project does not need to acquire specific permits, accreditation or other documentation to comply with air quality regulations, you must explain and justify why this is the case.Maximum word count: 150. \***

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### **128. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**46. Part 4: Technology Eligibility (11/21)**

### **129. Will the industrial site begin utilising the identified hydrogen source no later than 5 years after the project completion date? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **130. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**47. Part 4: Technology Eligibility (12/21)**

### **131. Does the project involve switching to a fuel that has a lower carbon intensity than the gas grid?Refer to HMT Green Book emission intensity figures for natural gas sourced from the gas grid. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **132. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **133. Does the project involve a switch away from a fuel with a higher emissions intensity? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **134. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**48. Part 4: Technology Eligibility (13/21)**

### **135. Does the proposal involve a fuel switch to compressed or liquefied natural gas at a site without access to the gas grid?Fuel switches are only permitted to a fuel with a higher carbon intensity than the gas grid where they involve a switch to compressed or liquefied natural gas at a site that does not have access to the gas grid. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **136. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**49. Part 4: Technology Eligibility (14/21)**

### **137. Does your intended hydrogen supply comply with the Low Carbon Hydrogen Standard?The Low Carbon Hydrogen Standard sets a maximum threshold for the amount of greenhouse gas emissions allowed in the production process for hydrogen to be considered ‘low carbon hydrogen’. Projects that propose to fuel switch to hydrogen or hydrogen blends must use low carbon hydrogen: https://www.gov.uk/government/publications/uk-low-carbon-hydrogen-standard-emissions-reporting-and-sustainability-criteria \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **138. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**50. Part 4: Technology Eligibility (15/21)**

### **139. Outline how your intended hydrogen supply will be produced and how it meets the requirements of the Low Carbon Hydrogen Standard.You may wish to speak with your intended supplier to source this information.Maximum word count: 400. \***

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**51. Part 4: Technology Eligibility (16/21)**

### **140. Will the scale of the project be equal to or more than 1MWth input? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **141. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**52. Part 4: Technology Eligibility (17/21)**

### **142. Will the biogas or biomethane be utilised in an existing heat use or where it is substituting energy previously supplied through other means? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **143. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **144. Could the biogas or biomethane be injected from the original biogas or biomethane source into the regional or national gas grid?If the biogas or biomethane could have been injected directly into the gas grid from the production source, select yes.If for logistical or economical reasons the biogas or biomethane could not be injected into the gas grid from the production source, select no. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **145. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **146. Will the biogas or biomethane project comply with local, regional or national air quality regulation? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **147. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **148. Is the source of the biogas or biomethane located on the industrial site of the lead applicant or supplied to the site through fixed infrastructure?Fixed infrastructure could refer to, for example, pipelines. \***

|  |  |
| --- | --- |
|    | Onsite fixed infrastructure |
|    | Other means through fixed infrastructure |
|    | Neither of these apply |

### **149. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**53. Part 4: Technology Eligibility (18/21)**

### **150. Explain how you have or will obtain appropriate permits, accreditations or other documentation to comply with local, regional and national air quality regulation.Your answer could include an explanation of the type of permit, accreditation or other documentation required by the project and the plan for meeting those requirements.Copies of permits, accreditations or other documentation that demonstrate compliance can be attached but you should include an explanation in the text box.Maximum word count: 150. \***

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### **151. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**54. Part 4: Technology Eligibility (19/21)**

### **152. Is this waste sourced from the lead applicant's site or process(es)? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

### **153. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**55. Part 4: Technology Eligibility (20/21)**

### **154. Is this a CHP fuel switching project? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**56. Part 4: Technology Eligibility (21/21)**

### **155. Provide an explanation and any documentation to evidence that at least 70% of the heat and power output of the CHP plant is or will be utilised by an eligible industrial process owned by the lead applicant or project team. The plant needs to be where the project is taking place.Your answer could identify:the capacity of the CHP plant end user(s) including their SIC code the type of industrial activity taking place at the site of the end user(s) the amount of heat and power used by the end users in relation to the total output of the CHP plant. Maximum word count: 200. \***

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### **156. You should provide documentation to evidence the above where possible.Supporting evidence could include, but is not limited to, documentation such as contracts or invoices for energy use. Where these eligible industrial sites are not currently using the heat and power from the CHP plant we could accept provisional agreements/contracts.**

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**57. Part 5: Additional Information (1/5)**

In this section we ask you to provide some additional information which may be used for administrative purposes and for the future monitoring and evaluation of the IETF.

### **157. Provide details of your meter point numbers for the project site, electricity meter point administration number (MPAN) and gas meter point reference number (MPRN).Your electricity import meter point administration number (MPAN) can typically be found on your electricity bill.Your gas import meter point reference number (MPRN) can typically be found on your gas bill. \***

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### **158. Will the project result in your business taking on any additional Full Time Equivalent jobs permanently? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**58. Part 5: Additional Information (2/5)**

### **159. How many additional FTE jobs? \***

|  |
| --- |
|   |

**59. Part 5: Additional Information (3/5)**

**In the questions below we ask you to provide some additional information which may be used for administrative purposes and for the future monitoring and evaluation of the IETF, as well as at the award and due diligence stage, should you be successful at the initial assessment stage.**

### **160. Is this a re-application?If you have applied for an IETF grant for this proposal before but were unsuccessful, you may apply again. There is no limit on re-applications but, if applicable, you are expected to take on board assessor feedback to improve your application. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**60. Part 5: Additional Information (4/5)**

### **161. Have you made changes to this application since the last submission?Please select "yes" if the scope or purpose of your application has altered materially since your previous application.Please select "no" if the contents are unchanged. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **162. Have previous assessor comments been considered? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**61. Part 5: Additional Information (5/5)**

### **163. Explain briefly how you have adapted your application based on the feedback you received.Maximum word count: 200. \***

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**62. Part 6: Finance Details (1/6)**

### **164. Please download and complete the finance form (https://assets.publishing.service.gov.uk/media/65b26182f2718c0014fb1d7c/ietf-phase-3-spring-2024-deployment-project-finance-form.xlsx). Please upload the completed form here.You must use v1.0 (January 2024) of the finance form. The version number can be found in the "Summary" tab. Changes have been made between application windows and we cannot accept previous versions. Uploading a previous version will result in your application failing the eligibility screening process. Guidance can be found in the form itself.Please note if you are applying for decarbonisation deployment and you, or any of your Project Partners, fall under the remit of the Windsor Framework you will need to ensure the appropriate tab on the finance form is completed.\***

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**63. Part 6: Finance Details (2/6)**

### **165. Please provide your reference case.Your reference investment case is your justification for your eligible costs. Please see section 4.3 in the guidance document for additional guidance on what we are looking for and how best to answer. The cost of your reference case must also be provided in the finance form and deducted from the total cost of your project to arrive at your eligible costs. If the technology’s only purpose is to achieve energy or emissions savings, and no investment would have been necessary in the absence of IETF support, the total investment costs could be considered eligible. The reference case cost would be zero and it is possible to consider the total investment costs as eligible costs. You will need to justify this position in this question. If you are fully replacing a piece of existing equipment your reference case should typically refer to a similar investment which would not have achieved the energy or emissions saving benefit, e.g. replacing the equipment like-for-like (there are some exceptions for deep decarbonisation projects). The reference case must have the same production or output capacity as the new investment. The difference between the costs of both cases of investment identified constitutes the eligible costs.Maximum word count: 400. \***

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**64. Part 6: Finance Details (3/6)**

### **166. Please state the grant amount you are requesting for each proposal.You will be asked to state the grant amount you are requesting in different places throughout this application form, including in the finance form and the project benefits calculator (deployment only). Please ensure that these figures match the amount stated here. The amount you enter here will be used as the correct amount should there be any differences. \***

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### **167. Is the sum of all your proposals greater than or equal to £5,000,000? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

### **168. Please confirm your business size.A business is defined as an organisation or enterprise engaged in commercial activity. Businesses are categorised as micro, small, medium, or large, and this categorisation determines the levels of grant funding that can be claimed through the deep decarbonisation deployment, energy efficiency deployment and studies competitions.Businesses can determine their size based on the ceilings set out below. The factors determining your business size are:staff headcount either annual turnover or balance sheet total. Business category; Staff headcount; Turnover; or Balance sheet totalMedium-sized; < 250; <= £44m; <= £38m Small; < 50; <= £9m; <= £9m Micro; < 10; <= £2m; <= £2m Please refer to the guidance on p39 for more detail. \***

|  |  |
| --- | --- |
|    | Micro |
|    | Small |
|    | Medium |
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**65. Part 6: Finance Details (4/6)**

### **169. Please confirm whether the total grant funding applied for (sum of all proposals) is greater than or equal to £75,000.The minimum total grant threshold for deployment projects is £75,000 for SMEs. \***

|  |  |
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|    | Yes |
|    | No |

**66. Part 6: Finance Details (5/6)**

### **170. Please confirm whether the total grant funding applied for (sum of all proposals) is greater than or equal to £100,000.The minimum total grant threshold for deployment projects is £100,000 for large companies. \***

|  |  |
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|    | Yes |
|    | No |

**67. Part 6: Finance Details (6/6)**

### **171. I confirm that I understand that as lead applicant my business will be responsible for claiming grant contributions against the eligible costs of this proposal. As lead applicant, I also confirm that my organisation will directly incur a share of the eligible costs.This approach is necessary to satisfy DESNZ' requirement that the lead applicant is financially invested in the project. This provides DESNZ Ministers reassurance that successful businesses plan to be involved in the development of the application, leading to a successful study or project being deployed at the applicant's site. \***

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|    | I confirm |

**68. Part 7: Project Benefits (1/22)**

### **172. Please download and complete the project benefits calculator (https://assets.publishing.service.gov.uk/media/65b2612f1702b1000dcb12ca/ietf-phase-3-spring-2024-project-benefits-calculator.xlsx ). Please upload the completed Excel document here.You must use the latest version of the project benefits calculator. The version you use must state "Phase 3 Spring 2024" in the "Guidance" tab. Changes have been made between application windows and we cannot accept previous versions. Uploading a previous version will result in your application failing the eligibility screening process.Please contact ietf@energysecurity.gov.uk as soon as possible if you find you have any issues accessing or using the calculator.You will need to upload an individual project benefits calculator for each project you are submitting within an aggregate proposal. Please ensure you clearly label each calculator with the name of the project and, if relevant, whether it is "proposal 1", "proposal 2" etc. within an aggregated application. \***

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**The project benefits calculator above will be used to estimate the value for money to HMG and society of your project. In the following questions you are asked to explain where the figures you input into the calculator have come from, how you have calculated them, and provide any evidence you have to justify these figures. You must upload supporting evidence to justify your calculations.
The strength of the rationale, evidence and justification of the figures used will affect the scores received by a project for this criterion.**

**69. Part 7: Project Benefits (2/22)**

### **173. Have you completed a feasibility or engineering study for this deployment project?The feasibility or engineering study forms part of the evidence base of supporting information. The study does not need to have been funded by the IETF. \***

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|    | Yes |
|    | No |

**70. Part 7: Project Benefits (3/22)**

### **174. You must upload your feasibility or engineering study.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. \***

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**71. Part 7: Project Benefits (4/22)**

### **175. In the project benefits calculator you are asked to estimate the asset lifetime of the deployed technology. Explain the rationale behind this figure and provide evidence to justify your answer. Please also include details of when any maintenance or replacement of parts is expected to be required throughout the lifetime of the technology.We are looking for a full explanation of the economic lifespan of the equipment needed and an explanation of expected upgrade or replacement dates. A good answer will include product information, lifespan and predicted details (including estimated dates) of any retrofitting or replacement of parts.Maximum word count: 300. \***

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### **176. Please upload supporting evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. \***

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### **177. In the project benefits calculator you are asked to provide your annual energy use by fuel both before and after completion of the project. Explain how you have calculated these figures, and provide evidence to justify your answer.If part of your evidence is sourced from the feasibility or engineering study, clearly cross reference the relevant section of the study.Maximum word count: 500. \***

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### **178. You must upload supporting evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. If part of your evidence is sourced from the feasibility or engineering study, clearly cross reference the relevant section of the study. \***

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### **179. In the project benefits calculator, have you selected a proxy fuel, a waste gas option or a synthetic fuel option? \***

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|    | Yes |
|    | No |

**72. Part 7: Project Benefits (5/22)**

### **180. Please provide additional information on the composition of your fuel.Maximum word count: 300. \***

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### **181. You must upload evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. \***

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**73. Part 7: Project Benefits (6/22)**

### **182. Will any of your energy consumption either before or after completion of your project include the use of electricity as a fuel? \***

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|    | Yes |
|    | No |

**74. Part 7: Project Benefits (7/22)**

### **183. Expand on the source of your electricity.If generated offsite, please detail whether it is from the national grid, a local microgrid (and whether or not this uses renewable sources of generation), or other. If onsite, please detail how this is generated.Maximum word count: 150. \***

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### **184. You must upload supporting evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. \***

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**75. Part 7: Project Benefits (8/22)**

### **185. Will any of the fuel you use either before or after completion of the project be generated onsite? \***

|  |  |
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|    | Yes |
|    | No |

**76. Part 7: Project Benefits (9/22)**

### **186. For each fuel generated onsite, provide details on how it will be produced, including the expected MWh of energy use (by fuel) required to generate 1 MWh of your fuel. Include any calculations and evidence that underpin this figure. The amount should reflect your inputs to the project benefits calculator.Maximum word count: 300. \***

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### **187. You must upload supporting evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. If you are unable to provide mandatory uploads, for example there is no additional evidence which would corroborate or expand on the claims made in your answer, you may upload a document which explains that this is the situation.You may upload the same information as in previous questions if you are generating electricity onsite. \***

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**77. Part 7: Project Benefits (10/22)**

### **188. Will your project use an interim fuel after the project has been completed before fully switching to a decarbonised fuel?For example, if your project will be using hydrogen from a hydrogen network, will you use another fuel prior to the hydrogen network coming online? Or if you are electrifying, will your project use grid electricity prior to you building onsite renewables generation? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**78. Part 7: Project Benefits (11/22)**

### **189. Provide details of the interim fuel the site proposes to use before the decarbonised fuel comes online, why this has been chosen, and how long it is expected to be used for.Your answer should include details of the fuel type, source, distribution method, period of time the fuel will be used for.Maximum word count: 300. \***

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### **190. Please upload supporting evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. \***

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**79. Part 7: Project Benefits (12/22)**

### **191. Will your project lead to a change in the production output of the process impacted by your project? \***

|  |  |
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|    | Yes |
|    | No |

**80. Part 7: Project Benefits (14/22)**

### **192. In the project benefits calculator you are asked to provide your annual production output both before and after completion of the project, at the level of the process impacted by the project. Explain how you have calculated these figures, and provide evidence to justify your answer.Project benefits will be assessed on a per unit of production output basis.Maximum word count: 300. \***

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### **193. You must upload supporting evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. If you are unable to provide mandatory uploads, for example there is no additional evidence which would corroborate or expand on the claims made in your answer, you may upload a document which explains that this is the situation. \***

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**81. Part 7: Project Benefits (16/22)**

### **194. Will your project generate any direct carbon emissions abatement at the site where the project is being delivered (e.g. any carbon abatement not generated from switching to cleaner fuels or becoming more energy efficient, such as carbon capture)? \***

|  |  |
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|    | Yes |
|    | No |

**82. Part 7: Project Benefits (18/22)**

### **195. In the project benefits calculator you are asked to provide an estimate for the expected direct carbon abatement your project will deliver per year. For carbon capture projects, this should be the amount of CO2 you expect your project to capture per year. Explain how you have calculated this figure, and provide evidence to justify your answer.Maximum word count: 300. \***

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### **196. You must upload evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. If you are unable to provide mandatory uploads, for example there is no additional evidence which would corroborate or expand on the claims made in your answer, you may upload a document which explains that this is the situation. \***

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**83. Part 7: Project Benefits (19/22)**

### **197. If your project is likely to have a negative impact on air quality, do you plan to mitigate this damage? \***

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|    | Yes |
|    | No |
|    | N/A |

**84. Part 7: Project Benefits (20/22)**

### **198. Please explain how you plan to mitigate this damage.This answer might outline different methods of mitigation and/or the effectiveness of these methods for your chosen project.Maximum word count: 300. \***

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### **199. You must upload evidence to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. If you are unable to provide mandatory uploads, for example there is no additional evidence which would corroborate or expand on the claims made in your answer, you may upload a document which explains that this is the situation. \***

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**85. Part 7: Project Benefits (21/22)**

### **200. Post site relocation, will the IETF project deliver the stated magnitude of benefits (or greater) at the new site?The basis upon which the IETF project was awarded funding must hold throughout the relocation and monitoring and verification period. That is, the IETF project must deliver the stated magnitude of benefits when relocated from one site to another. \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**86. Part 7: Project Benefits (22/22)**

### **201. Please explain how you intend to ensure that the stated magnitude of benefits are delivered at the new site.Since the IETF considers site level measurements of energy consumption or emissions data, it is your responsibility to demonstrate that the IETF project benefits will remain the same post site relocation.Maximum word count: 300. \***

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**87. Part 8: Additionality (1/17)**

**HMG has a duty to make sure it spends taxpayers' money appropriately and in ways that deliver the maximum possible benefit to society. This means funding projects that deliver the greatest benefits, and not funding projects where some of the benefits would have occurred without HMG funding.**

**Clearly outline the barriers currently stopping the project from going ahead, how HMG funding can overcome those barriers, and what would occur if HMG funding were not received by you, the applicant. You must upload supplementary evidence to justify answers.**

### **202. I confirm that the proposal would not have gone ahead in its proposed form without IETF funding.If your proposal would go ahead in its proposed form without this funding, it will be ineligible and will not be assessed. \***

|  |  |
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|    | I confirm the proposal would not have gone ahead in its proposed form without IETF funding |

### **203. I confirm that the eligible costs applied for are the minimum eligible costs necessary to complete this proposal. \***

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|    | I confirm |

**88. Part 8: Additionality (2/17)**

### **204. You must upload your business case outlining discounted cash flow analysis with and without IETF support. You must provide a case for support: this should be evidence or the investment decision to support your argument (e.g. discounted cash flow, internal rates of return, net present values, payback calculations). This should also include an internal document, for example a business case prepared for an internal investment committee or board.Your case for support must be accompanied by the underpinning assumptions and methodology utilised in your investment decision. You must provide a copy of any Model that has been used to demonstrate the viability of the investment and the financial metric by which the project is assessed internally by the company board e.g., discounted cash flow, net present value calculation, internal rate of return and/or payback periods. There should be evidence that demonstrates the investment appraisal methodology is in line with usual group processes and methodologies.If additional funding is required for the project, evidence should be provided to demonstrate that the sources of funding as stated in the application have been secured. For sources of funding that have not been secured, evidence should be provided to demonstrate the stage of negotiation in obtaining the funding. Your case for support must be accompanied by evidence of the investment criteria utilised within your company and how IETF funding enables you to meet the required level. If your project does not meet your company hurdle rate with IETF support, you must explain why this would still be approved internally. \***

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**89. Part 8: Additionality (3/17)**

### **205. What barriers are preventing you from undertaking the project without IETF support? Explain why you are not able to wholly fund the project from your own resources or other forms of private sector funding. We are looking for you to outline the barriers to this project going ahead without IETF funding. Examples of good evidence to justify the answer include:Internal analysis of investment options, for example, this project alongside other investment options showing that without IETF funding this project is not competitive Evidence of a funding gap or of IETF funding being a tipping point for adequate return, for example, clear discounted cash flow analysis, IRR analysis Proof of decision making such as board minutes Evidence that the project cannot be fully funded by the partners or that other funding sources such as commercial loans or other financial options are not available, for example, proof of declined credit Investment budgets versus the cost of the project. Maximum word count: 300. \***

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### **206. Explain what would have happened to the project without IETF funding, outlining the extent to which any of the project would still have occurred and why.Maximum word count: 300. \***

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### **207. Where some or all of the project would not have gone ahead without IETF funding, describe how you would have instead used your funds. Would any of this have been used on a different energy efficiency project, and if so, how would the benefits of that project compare to the project you are requesting funding for?We are looking for you to outline the extent to which any of the project would still have gone ahead without IETF funding.Would the project have gone ahead in the same format but at a later date? Would the project have gone ahead at a smaller scale? Maximum word count: 300. \***

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### **208. You must upload supporting evidence to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. \***

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**To understand the extent to which potential IETF funding overlaps with wider Government support, and thus maximise the benefit of Government spend, we would like to ask some further questions about the interactions with any existing or intended wider support. These answers will be checked and assessed throughout the assessment process.**

### **209. Is the site (installation or sub installation) that is the focus of this application registered under the UK Emissions Trading Scheme? \***

|  |  |
| --- | --- |
|    | Yes |
|    | No |

**90. Part 8: Additionality (4/17)**

### **210. You must outline whether you expect the IETF project to affect compliance with the UK ETS or expected allowances you will surrender. Can you describe why the UK ETS price was not sufficient for the investment, and why additional support from the IETF is required? Maximum word count: 300. \***

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**91. Part 8: Additionality (5/17)**

### **211. Is the site (facility) that is the focus of this application currently registered under the Climate Change Agreement (CCA) scheme? \***

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|    | Yes |
|    | No |

**92. Part 8: Additionality (6/17)**

### **212. What year did this site register under the CCA scheme? \***

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**93. Part 8: Additionality (7/17)**

### **213. A new 6-year CCA scheme was announced at the Autumn Statement 2023. Do you intend to participate in this scheme? \***

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|    | Yes |
|    | No |

**94. Part 8: Additionality (8/17)**

### **214. What assumptions have you made on the impact of the CCA on your IETF investment decision? For example, have you made an assumption on expected CCA tax relief? Maximum word count: 300. \***

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**95. Part 8: Additionality (9/17)**

### **215. If your project relates to CHP equipment, do you expect to apply for the support available through the CHPQA scheme? \***

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| --- | --- |
|    | Yes |
|    | No |
|    | N/A |

**96. Part 8: Additionality (10/17)**

### **216. How has the CHPQA programme and eligibility to the relevant financial benefits impacted your assessment of the investment case for the IETF project? Why is the CHPQA support insufficient to enable the project to go ahead without IETF support? If your grant amount requested is ≥£5m, you must ensure the benefit from CHPQA is clearly shown in your business case outlining the need for IETF support (in your scenarios with and without IETF funding). You will be scored down if this is not evidenced.If your grant is below £5m, your application would also benefit from outlining the above.Maximum word count: 300. \***

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**97. Part 8: Additionality (11/17)**

### **217. If you are registered under an ETS, intend to participate in the new CCA scheme, or intend to apply for support through the CHPQA, please upload supporting evidence to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**98. Part 8: Additionality (12/17)**

### **218. Please identify which alternative sources of government investment incentives you currently utilise, or plan to utilise, if any.You can select more than one option. Please select all applicable options. \***

|  |  |
| --- | --- |
|    | Annual investment allowance (AIA) |
|    | 100% first year allowances |
|    | 50% special rate first year allowance |
|    | R&D tax credits |
|    | Other (wider government supported offered on an individual company or sector level basis). |
|    | None of the above |

If 'Other', please specify:

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**99. Part 8: Additionality (13/17)**

### **219. Why are these incentives insufficient to enable the project to go ahead without IETF support? Maximum word count: 300. \***

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**100. Part 8: Additionality (14/17)**

### **220. Have any of the following incentives impacted on your assessment of the energy (operational) costs of your project?You can select more than one option. Please select all applicable options. \***

|  |  |
| --- | --- |
|    | Hydrogen support (Net Zero Hydrogen Fund) |
|    | Energy Business Models, Transport and Storage business models |
|    | Carbon capture support (Carbon Capture Infrastructure Fund, Carbon Capture Business models) |
|    | Green Gas Support Scheme |
|    | Non-domestic Renewable Heat Incentive |
|    | Energy Intensive Industries support schemes (including EII Compensation Scheme, EII Exemption Scheme and British Industry Supercharger scheme) |
|    | None of the above |

**101. Part 8: Additionality (15/17)**

### **221. Has this support impacted your assessment of the investment decision? Maximum word count: 300. \***

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**102. Part 8: Additionality (16/17)**

### **222. Please upload supporting evidence to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**103. Part 8: Additionality (17/17)**

### **223. Please provide an explanation of how you will secure the necessary match funding for the elements of the overall, and eligible project costs.Where appropriate please provide evidence to demonstrate that the sources of funding as stated in the application have been secured. For sources of funding that have not been secured, evidence should be provided to demonstrate the stage of negotiation in obtaining the funding. Maximum word count: 300. \***

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### **224. Please upload supporting evidence to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**104. Part 9: Net Zero and Replicability (1/1)**

**This criterion provides an opportunity to demonstrate project compatibility with HMG's Net Zero commitments, allowing you to justify your technology choices.
HMG is committed to Net Zero, so we are looking to fund applicants who have thought about and can demonstrate their commitment to a Net Zero pathway.**

### **225. Please provide a technology justification statement, explaining why you have chosen this technology as the best option for your project.We are looking for you to justify your technology choice. A good answer will demonstrate how the project will avoid lock in and show genuine commitment to a Net Zero ambition, not simply the ambition to make processes more efficient or profitable as well as the technical constraints to undertaking deeper decarbonisation works at this point in time.Maximum word count: 300. \***

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### **226. You are strongly encouraged to upload evidence to support this section of your application. Please see P73-74 of the applicant guidance for examples.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **227. Explain how your project fits into your site and business' wider plans for Net Zero. Outline what other changes you expect to carry out to both the production process where the project is being applied, and the site as a whole, in order to meet Net Zero, and how this project aligns with those plans.We are looking for a full explanation of your Net Zero plans. A good answer will include, but is not limited to:What the business or site's plans are for Net Zero What IETF funding would contribute towards these changes How you are ensuring that this project aligns with those plans, and won't have to be further replaced in the future (outside of expected equipment refurbishment cycles) in order to meet Net Zero If switching fuel to hydrogen, please explain whether your current or future hydrogen supply will comply with the Low Carbon Hydrogen Standard Any details that you believe show alignment to HMG's Net Zero commitment. We recommend reading the IETF Policy Statement.Maximum word count: 600. \***

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### **228. You are strongly encouraged to upload evidence to support this section of your application. Please see P73-74 of the applicant guidance for examples.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **229. State what percentage of both your site and process greenhouse gas emissions will be removed by implementing this project, providing evidence to justify your answer.We are looking for you to provide a percentage, with justification, and an explanation of the extent to which this project will have a positive (transformational) impact on the overall emissions generated across the site, or the specific industrial process.Maximum word count: 300. \***

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### **230. You are strongly encouraged to upload evidence to support this section of your application. Please see P73-74 of the applicant guidance for examples.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**This criterion provides an opportunity to demonstrate the replicability and scalability of your proposed project, be this within your own sector or across multiple sectors.
It is recommended that you work with your suppliers/supply chain to develop the answers, paying particular attention to those questions asking for replicability outside of business or sector.
DESNZ appreciate that it is not always possible to demonstrate cross sector replicability, in particular for smaller businesses. It is therefore also recommended that you speak with DESNZ (via ietf@energysecurity.gov.uk) to ensure you are fully demonstrating your project's potential.**

### **231. Replicability/scalability potential.Provide an outline of how the proposed technology could be replicated and/or scaled across your own site(s), sites within your sector/other sectors or, internationally. Please justify your answer.A good answer will include, but is not limited to:The opportunities for replicability and scalability either on your own site(s), sites within your sector or cross sector How demonstrating the technology at your site can help to reduce costs and risks that could act as barriers to wider adoption (by yourself and/or others) If it is not possible to speak to your supply chain and your answer only includes information for your own business, a full explanation as to why these limits exist. Maximum word count: 500. \***

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### **232. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **233. Information sharing.Within commercial constraints, outline plans to disseminate decarbonisation information and lessons learned from this project. Please justify your answer.We are looking for you to outline how you plan to share or make use of any learnings that come as a result of the project. A good answer could include but is not limited to:Any limitations or commercial constraints on replicability and scalability that exist, and how you intend to maximise your potential against this criterion within these constraints How the project will be used in your Net Zero messaging to site staff, the wider business and sector How you will support the building of a knowledge base that fits within business circumstances, such as speaking at conferences or sharing information with trade associations. Maximum word count: 500. \***

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### **234. You are strongly encouraged to upload evidence to support this section of your application, where possible.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**105. Part 9: Novelty (1/1)**

### **235. Within your sector or wider industry, are you an early mover in adopting your chosen technology solution? As appropriate, please provide evidence of whether the technology solution is used elsewhere and/or how your proposal might exceed established best practice.We are looking for you to demonstrate how novel your project is. A good answer could include, but is not limited to the following:Any evidence of the current uptake of the technology/solution within your sector or wider industry Any evidence that your plan for the design, implementation and operation of the technology solution goes above and beyond existing best practice for your sector or process. If you are unsure how widely used a technology is, we would suggest working with your supply chain to establish this answer as they are likely to know how novel this application is.Maximum word count: 400. \***

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### **236. You are strongly encouraged to upload evidence to support this section of your application. Please see P73-74 of the applicant guidance for examples.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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### **237. How might your project drive technology development (increasing the TRL level) or improve the commercial prospects and market understanding of the viability, costs, risks and benefits of the technology solution?A good answer could include, but is not limited to, the following:Any evidence of the current uptake of the technology solution within your sector or wider industry Any evidence that your plan for the design, implementation, and operation of the technology solution goes above and beyond existing best practice for your sector or process A description of how your project could improve commercial prospects and market understanding of the viability, costs, risks and benefits of the technology solution (perhaps with reference to increasing TRL). In the event that you might not be able to explain how widely used a technology is, we would suggest working with your supply chain to establish this answer as they are likely to know how novel this application is.Maximum word count: 400. \***

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### **238. You are strongly encouraged to upload evidence to support this section of your application. Please see P73-74 of the applicant guidance for examples.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**106. Part 9: Project Plan (1/2)**

This criterion allows you to demonstrate how your project will be delivered and that you have the resources and expertise available to be able to effectively carry out the work required. We are looking for applicants to identify and describe the actions, milestones and deliverables associated with the project. Please ensure the information you provide is specific to the project you are applying for and you provide a clear and detailed Gantt chart.

If your proposed IETF project will be affected by a future site relocation, the site relocation schedule and risks should be reflected in your deliverability responses.

### **239. Please upload a Gantt chart to show the project plan including work packages, milestones and deliverables. \***

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### **240. Give a brief overview of each work package, including the responsible owner, expected costs and timelines of each.Maximum word count: 300. \***

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### **241. Describe how the project will be managed, outlining any major tools and mechanisms you will use to get a successful project outcome.Maximum word count: 300. \***

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### **242. Describe what level of contingency (with regards to personnel, timescales etc.) has been allocated within the project and why.Maximum word count: 300. \***

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### **243. Outline any project dependencies, lead-in times, assumptions or decision-making timescales.Maximum word count: 300. \***

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### **244. Describe the resources, equipment and facilities needed for the project and how you will access them.Maximum word count: 300. \***

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### **245. Outline the project team structure, including the roles, skills and experience of key members and personnel, how their skills and experience will help deliver the project.A good answer will identify the skills and experiences of in-house staff who will be working on the project and how this relates to the project. A good answer will also describe how the project team will be managed and include an organogram of the key members of staff (which you can upload below).Maximum word count: 300. \***

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### **246. If you wish, you may upload short form CVs and/or an organogram to support your answer.**

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### **247. Will you be employing subcontractors as part of your project? \***

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|    | Yes |
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**107. Part 9: Project Plan (2/2)**

### **248. Where subcontractors will be employed as part of the project, please describe their roles and expertise, how they are essential for the effective completion of the project and how they will be managed.You should explain why your work could not be covered by internal resource, why the chosen subcontractor has been selected, and how their skills and expertise will ensure the successful completion of the project.Maximum word count: 300. \***

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**108. Part 9: Risk Management (1/2)**

**The key risks associated with the project should be identified from a range of sources (for example technical, sourcing equipment and materials, delivery, project team, financing), with these evaluated in the risk register for their likelihood and potential severity. Good answers will present strong mitigation actions to the key risks, showing how far these actions go to reducing these risks. A strategy should be described for how risks will be managed during the project.**

### **249. Please upload a risk register, taking care to include project risks associated with the technology, delivery, project team and financing of the project.The key risks associated with the project should be identified from a range of sources (e.g., technical, delivery, sourcing equipment and materials, project team, financing), with these evaluated in the risk register for their likelihood, impact and resulting potential severity. A good answer will present strong mitigation actions to the key risks, showing how far these actions go to managing or reducing these risks. Accepted file formats: xls, xlsx, ods. \***

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### **250. Please describe in detail the three main challenges associated with delivery of the project and how these will be mitigated.Maximum word count: 300. \***

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### **251. Give a brief overview of the risk management process that will be associated with the project, including how new risks will be added and managed.Maximum word count: 300. \***

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### **252. Outline if there are any key health, safety and environmental risks associated with delivering the project, and if so, how will these be overcome. Please include details of any permitting that will be required for this project.Maximum word count: 300. \***

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**109. Part 9: Risk Management (2/2)**

Please fill in the finance form, if you have not already done so, before answering these questions. Please ensure information you provide here is consistent with the information provided in the finance form. If, for any reason, it is possible to recover the VAT on certain costs (for example, if a project partner is not VAT registered) then you will need to explain this in the evidence that you submit.
In this section you are asked to add additional justification for your project costs and say how you have minimised them to ensure that your proposal provides the best possible value for money for the taxpayer.

We are looking to see that you, the applicant, have a clear grasp of the costs of the project including supporting evidence to justify the stated costs. We also want to ensure that you are claiming an amount of grant that represents value for the public purse. You will be scored based on the strength of the evidence and justification for the stated costs and the need for the amount of grant support requested. We would expect to see more detail for larger projects and one-off costs. Please ensure your estimates are as accurate as possible, taking into account the likely start date of your project, and include any assumptions you have made (for example, around inflation). Where subcontractors are used we would expect you to include a breakdown of the activities and costs that the subcontractor will be undertaking, or as much detail as you are able to at the current time, as well as details of any tender process you have or expect to carry out.

Higher marks will be awarded to applications where the project costs are entirely appropriate and represent excellent value for money and the partners have a clear idea of how they will finance their contribution, and the balance of costs and grants between partners and the use of subcontractors is well justified and reasonable for the proposed project.

### **253. Please describe how you have arrived at the cost estimates provided in the finance form. This should include as a minimum:Details on whether you have secured quotes, or how you have otherwise ensured the estimates are reasonable, particularly in cases where one-off material and capital costs exceed £10,000. If you are using subcontractors, a justification and a breakdown of how costs have been estimated for each subcontractor. A description of the steps you have taken to minimise costs to ensure that this project represents value for money for the taxpayer. A good answer will present costs clearly with justification for larger items and supporting information to support values for subcontractors and large capital items. The overheads should be calculated and presented clearly, and justification should be provided for costs wherever possible.Maximum word count: 1000. \***

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### **254. You must submit supporting evidence e.g. quotations from suppliers or contractors, letters of intent, or an explanation of the assumptions used for internal estimates of resourcing, capital and material costs. If your project includes subcontractor costs, please upload a clear breakdown.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length. \***

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**110. Part 9: Technical Assessment (1/7)**

### **255. Where a project is proposing to transport and permanently store the captured CO2, provide details of the transport and storage network that your project will be connecting to, and evidence that the site will begin capturing, transporting and permanently storing the CO2 within 5 years of project completion.Your answer could include details of the proposed T&S network including planning assumptions, provisional sales agreements with T&S network operators, location of T&S infrastructure, plans for establishing a connection to the T&S network, T&S network construction milestones, details of the T&S network operator, evidence of membership with a cluster organisation, any previous feasibility/FEED work, details of storage method.Maximum word count: 200. \***

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### **256. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**111. Part 9: Technical Assessment (2/7)**

### **257. Provide details of the back-up or dual fuel the site proposes to use as part of the project, and why this has been chosen. Where this is compressed natural gas or liquid natural gas you must provide evidence the site is off the gas grid. Provide details on how often you expect that you will have to utilise the back-up fuel.If you are not using a back-up fuel, enter "N/A".If you are using a back-up fuel after the site has begun utilising the low carbon hydrogen, provide details of the proposal and reason behind the choice. Your answer could include details of the fuel type, source, distribution method, expected period of time the fuel will be used for and when the low carbon hydrogen supply is expected to be available. This fuel can only be used in scenarios where the low carbon hydrogen supply is temporarily cut off due to external or unforeseen reasons.Maximum word count: 200. \***

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### **258. Provide any planning assumptions and infrastructure requirements, including when the production facility is expected to be operational. Provide evidence that your project will begin utilising hydrogen no later than 5 years after the project completion date.Your answer could include a description of planning documentation/proposals, provisional agreements or contracts with the supplier, previous feasibility/FEED studies related to the proposal.Maximum word count: 200. \***

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### **259. Where the source of your hydrogen is offsite, please outline the location (specifying if this is in a cluster setting), and any planning assumptions and infrastructure requirements for sourcing your hydrogen, including how it will be supplied to your site.If you have indicated in your application that the hydrogen fuel will be produced onsite, you do not need to answer this question, but please enter "N/A - onsite" in the box.Your answer could include a description of the hydrogen fuel distribution method, details of associated infrastructure requirements including construction milestones.Maximum word count: 200. \***

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### **260. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**112. Part 9: Technical Assessment (3/7)**

### **261. Expand on the source of your biogas or biomethane, including what feedstock will be used to produce it, how it will be supplied to the site, and why injection into the gas grid from the source would not be feasible.Your answer could include brief description of the supplier, production method, fuel distribution method, and an explanation as to why the supplier cannot inject the biogas or biomethane directly into the gas grid.Maximum word count: 300. \***

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### **262. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**113. Part 9: Technical Assessment (4/7)**

### **263. Expand on the source of the compressed or liquid natural gas fuel, including how it will be supplied to the site.Your answer could include brief description of the supplier, production method, fuel distribution method from source to site of lead applicant/industrial user.Maximum word count: 300. \***

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### **264. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**114. Part 9: Technical Assessment (5/7)**

### **265. Where a project is proposing to utilise the captured CO2, explain and provide evidence for how the end user is currently sourcing the CO2 required in their process.Your answer could include an explanation that covers how the identified utiliser is currently sourcing the CO2. This could cover whether this CO2 is recovered as waste from an existing process or if it is being produced through a dedicated CO2 production method. Where the CO2 is being utilised in a new process and is not replacing an existing source this could also be explained.Maximum word count: 300. \***

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### **266. Where a project is proposing to utilise the captured CO2, explain and provide evidence for how the end user will use the captured CO2. If it will end up in a product, provide details on how long the CO2 is expected to be stored within that product.Maximum word count: 300. \***

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### **267. Where a project is proposing to utilise the captured CO2, provide evidence that the site will begin capturing and utilising the CO2 within 5 years of project completion.Your answer could include:provisional agreements or contracts with an end user/utiliser evidence that the process for capturing and transporting the CO2 will be operational within 5 years (or the proposed date). Maximum word count: 300. \***

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### **268. If you wish, you may upload information to support your answers.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**115. Part 9: Technical Assessment (6/7)**

### **269. Expand on the source of your biomass, including why it was chosen and how it will be supplied to the site.Maximum word count: 300. \***

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### **270. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**116. Part 9: Technical Assessment (7/7)**

### **271. Expand on the source of your waste fuel including details of the onsite process the waste originates from, a breakdown of the types of waste(s) that make up the waste fuel.Maximum word count: 300. \***

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### **272. If you wish, you may upload information to support your answer.Supporting evidence and information should be limited to information which is required to support, give context to, clarify or justify answers given. Where possible, it should be clearly cross-referenced in the answers for ease. Supporting evidence and information will only form part of the assessment if it is clear, relevant and of reasonable length.**

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**117. Part 11: Declarations (1/1)**

### **273. I confirm I have read the competition guidance and have completed all parts of the application form including additional information required to be uploaded.It is recommended that you read the guidance before applying to maximise your chance of success.You can find the guidance here (https://www.gov.uk/government/publications/industrial-energy-transformation-fund-ietf-phase-3-spring-2024) (link opens in a new tab). \***

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### **274. I confirm that all the information I have provided in this form is correct to the best of my knowledge. \***

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### **275. I confirm that as lead applicant I will commit to longer term compliance and benefits monitoring for five years after project completion.If your proposal is successful you will be required to carry out monitoring activity post project completion for a period of five years.Please see sections 7.5 and 7.6 of the guidance document. \***

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**118. Disqualification Page**

Based on the answer(s) provided, you do not qualify for IETF-supported funding. Please check the [Applicant Guidance](https://www.gov.uk/government/publications/industrial-energy-transformation-fund-ietf-phase-3-spring-2024) to determine whether you are within scope of IETF funding. If you believe this is in error:

Return to the previous page to check whether you have provided a representative response; Failing the above, e-mail the IETF team at IETF@energysecurity.gov.uk with your query, providing the track, question, and page which have determined your disqualification from IETF funding.

If you are not within scope of IETF funding but would like to learn more about alternative Government funding opportunities, please go to <https://www.find-government-grants.service.gov.uk/>.

The following question is designed to help us develop future funding opportunities. If you would like to contribute to this goal, please answer the following question.

### **276. Please provide detail of your business and proposed project, the technology/technologies you were intending to fund, and any other information you think relevant.**

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**119. End**

Thank you for completing this proposal application, please now submit this form. Your responses will be e-mailed to you using the lead applicant's e-mail. Please check your junk folder if you have not received your responses. If you have another proposal, please complete an additional application form.

If you have finished all proposals, please submit this form then complete the IETF Phase 3 Feedback Survey form provided to you in the invitation email. You will also be redirected to the feedback form automatically after 15 seconds following submission.