



Department
for Transport



University of
Sheffield

Energy
Institute



Sustainable Aviation Fuels (SAF) Testing Grant - Stage 2

SECTION 1: Administrative Details

1.1 Name of Applicant

1. Organisation Name - This should be the lead organisation for the proposed project.*

2. Unique Reference Number *

This number will have been provided after submitting your stage 1 eligibility assessment application.

3. Title of Project

(Defined as activities related to the fuel sample being tested)

*The title of your project will be used throughout the UK SAF Clearing House support process and any subsequent grant.**

Contact details for correspondence

4. Contact

Please ensure that the email address is entered correctly and remains active.*

Name of primary contact	<input type="text"/>
Job Title	<input type="text"/>
Registered office (required for due diligence)	<input type="text"/>
Phone	<input type="text"/>
E-mail	<input type="text"/>
Alternative contact and email address	<input type="text"/>

Details of Applicant

5. UK company/charity or other registration no.

Please provide at least one of the following: *

UK company registration number on Companies House:	<input type="text"/>
UK charity commission registration number:	<input type="text"/>
Other registration number:	<input type="text"/>

6. Please provide details of this other registration scheme so that due diligence can be carried out.

7. Legal status

(Please refer to the Guidance document – see the section called "Who can apply for funding?") *

- Commercial organisation (large enterprise)
- Commercial organisation (SME)
- Academic institute
- Other, e.g. Charity, please specify:

An SME is any organisation that has fewer than 250 employees and a turnover of less than €50 million or a balance sheet total less than €43 million.

<https://www.gov.uk/government/publications/fcd0-small-to-medium-sized-enterprise-sme-action-plan/small-to-medium-sized-enterprise-sme-action-plan#what-is-an-sme>

8. Legal Status, Other please specify: *

1.2 Lead Organisation Details (required for Due Diligence)

9. Number of employees (including directors) *

10. Turnover (in most recent annual accounts) *

£

year end

11. Balance Sheet Total, in stated Turnover year (total assets net of depreciation) *

£

as
at

12. Is your organisation able to reclaim VAT?

*Organisations that cannot reclaim VAT on capital equipment through normal channels are allowed to count VAT in their total project costs. **

- Yes
- No

13. VAT Registration Number *

14. Business maturity *

- Pre-start
- Start-up <1 yr
- 1-5 yrs
- 6-10 yrs
- >10 yrs

15. Does the business have a parent company? *

16. How is the business currently funded? (Choose all that apply) *

- No Funding
- Founders (including bank loans)
- Academic funding
- Public Sector Grants
- Angel Investment
- Venture Capital
- Private Equity
- Stock Market Floatation

1.3 Consortia (required for Due Diligence)

17. If this is a consortium application, please let us know if the partners have changed from the stage 1 application.

Otherwise, state 'no change' or 'not applicable'. *

1.4 Confidential information

18. Please confirm whether this form contains any information which should be classed as Confidential or Commercially Sensitive Information. *

- Yes
- No

Please select yes even if only there is only some confidential information contained within your application.

Please note that the UK SAF Clearing House team have signed Confidentiality agreements meaning that no information will be shared outside of DfT and the Delivery Partner team.

19. If yes, please indicate which responses or supporting documents would be applicable. *

 ***This would be a good time to save your progress by using the 'Save and continue later' link at the top right hand side of this form.***

SECTION 2: UK SAF Clearing House Support

2.1 Summary project information

20. Clearly describe the objectives of the proposed project and describe how the grant will support your journey through product development, evaluation and/or the ASTM process *

(500 words max)

21. Is the fundamental basis of the application for funding (i.e. feedstock, production process, level of fuel development) the same as the stage 1 Eligibility Assessment application? *

- Yes
- No

22. If there are any changes, please detail them below:

🔒 *This would be a good time to save your progress by using the 'Save and continue later' link at the top right hand side of this form.*

SECTION 3: Technical Suitability

This section builds upon the information in the stage 1 eligibility assessment application. If there are no additional changes from that information, please make this clear in your answers below.

23. Briefly explain your current level of fuel development and target products thus far *

(350 words max)

24. Target product *

- Concept only
- Laboratory Scale Production
- Pilot Scale Production
- Pre-screening

25. What stage of development (Fuel Readiness Level) do you think you will achieve by being supported by the UK SAF Clearing House? *

(350 words max)

26. Explain your raw material preparation, conversion to hydrocarbon process, intermediate products and any upgrading/finishing capability. *

(500 words max)

3.2 Prior Testing information

This section contains similar questions to the stage 1 eligibility assessment. Where there are no changes from your stage 1 information, applicants will not be penalised for copying the text from that document.

27. Have you carried out any Pre-screening work or initial evaluation?

If you have any results to date, please include under Appendix A and upload to your secure online folder. *

- Yes
- No

28. Have you carried out any analysis towards evaluation to ASTM D4054 so far? *

- No
- Pre-screening
- Fast Track Guidance Testing and/or
- Tier 1
- Tier 2
- Tier 3
- Tier 4

If you have any results to date to share, please contact info@safclearinghouse.uk who will organise a secure online folder for you to deposit documentation.

29. Have you carried out any ASTM based reviews with OEMs or stakeholders so far? *

- Yes
- No
- Not applicable

30. If yes, please outline your results/feedback. *

(350 words max)

3.3 Appropriateness of proposed testing requirements

31. Select the proposed level of ASTM D4054 qualification that you intend to achieve following the receipt of support requested in this application *

- Pre-screening
- Tier 1
- Initial ASTM/OEM review
- Tier 2
- Tier 3
- Tier 4

32. Detail the proposed testing protocols appropriate to the stage of evaluation/analysis being covered by the project

*Suggested format: Bulleted text to justify test(s) selected, and completion of Excel file in **Appendix B** to select tests (to allow DfT to analyse what has been supported)*

*This should be based on existing data and proposed forward technical strategy. The UK SAF Clearing House will provide advice and support to formulate this proposal **

(500 words max)

33. What volume of blendstock are you currently able to produce for testing? (If between values select the lower) *

- At concept stage (No production at this stage)
- At concept stage
- 1 - 2L
- 35 - 40L
- 40 - 400L
- 950 - 40,000L
- 850,000L

34. What volume of blendstock are you intending to produce by completion of the grant period? (i.e are you planning to further develop your production capabilities in parallel) *

- At concept stage (No production at this stage)
- At concept stage
- 1 - 2L
- 5 - 40L
- 40 - 400L
- 950 - 40,000L
- 850,000L

35. Do you have a Material Safety Data Sheet (MSDS)?

*If Yes, please include under **Appendix A** to the form when submitting. **

- Yes
- No
- Not applicable / unknown

36. Is your fuel REACH compliant?

(Note: relevant for any chemicals manufactured at volumes over 1 tonne). *

- Yes
- No
- Not applicable / unknown

 ***This would be a good time to save your progress by using the 'Save and continue later' link at the top right hand side of this form.***

SECTION 4: Environmental Performance

4.1 Alignment of feedstock(s) with UK SAF Mandate

37. Select the proposed feedstock *

- Wastes and residues
- Nuclear Energy
- Renewable electricity (excluding bioenergy)
- Woody and lignocellulosic
- Other/multiple

38. If Other/multiple was selected, please specify *

39. Give an estimate of the GHG emissions of the fuel from, for example, a commercial-scale plant in the first full year of operations, along with your methodology for the calculation, please include any assumptions.

Commercial scale fuel production plants would be expected to deliver a fuel output with lifecycle GHG emissions not exceeding 31 gCO₂e/MJ LHV in their first full year of operation.

If the fuel is generated from a mix of feedstocks, GHG results should be provided separately for each feedstock. If feedstocks are used that have a blend of renewable and non-renewable components (e.g. refuse derived fuel), both the renewable consignment and the non-renewable consignments must be separately reported. All consignments must meet the eligibility requirements.

Please note: This question is optional for applicants for funding pre-screening, Tier 1 and Tier 2. **It is mandatory for applicants for Tier 3 or 4.**

Commercial plant – first full year of operations:

Consignment #1:

Consignment #2:

Consignment #3:

Methodology used:

4.2 Effects on local environment

40. Are there any potential consequences on ecosystems and people from commercial-scale production of the test fuel?

E.g. is the feedstock derived from crops which typically can also be used as food for humans and animals.

*

(250 words max)

41. Are there any waste or bi-products from the creation of the fuel?

If so, how will these be captured and disposed of? Are there any potentially damaging products that could be produced?

*

(250 words max)

 ***This would be a good time to save your progress by using the 'Save and continue later' link at the top right hand side of this form.***

SECTION 5: Future Commercialisation

5.1 Level of progression towards commercialisation due to the funded activities

42. Please clearly describe how Sustainable Aviation Fuels Testing Grant support will provide critical funds for progressing your fuel towards production and use.

- Describe clearly how the funded activities are a critical element of progressing towards and/or through the ASTM process.
- Describe how the funded activities will contribute to the next stage of progress towards qualification of jet fuel from sustainable sources.
- Detail what steps and activities follow on from the funded activities to assess potential to enter ASTM D4054 and/or reach ASTM D4054 qualification.
- Where relevant, provide plans, timescales and volumes for commercial production.

*

(1000 words max)

5.2 Potential and case for economic benefits

43. Assuming the grant funded project is successful, describe the potential and case for economic benefits.

Applicants should consider the following in their answer:

- What UK SMEs will be involved in the project and how they will benefit from the project?
- What specific UK IP will be developed and how it might be of economic value?
- What by-products may be produced with potential for additional economic value?

*

(500 words max)

 ***This would be a good time to save your progress by using the 'Save and continue later' link at the top right hand side of this form.***

SECTION 6: Project Implementation

6.1 Credibility of current status of project and readiness to proceed with activities

44. Please describe the current development status of the overall project in relation to the funded activities.

- *Clearly explain how you are ready to proceed with the activities for which you are applying for funding. E.g. availability of product in sufficient volumes, have you pre-held test slots with your preferred testing facility? Do you have the required sampling containers and transport protocols confirmed, and how are you going to meet them?*
- *Explain how this progress is expected to evolve over the Funding Period, including when key agreements are expected to be signed and highlighting any critical path activities.*

*

(500 words max)

6.2 Confidence in skills and experience of the project team

45. Explain how the project team (including any consortia partners) has the appropriate skills and experience to deliver the funded activities with clearly defined roles and responsibilities and time committed to the project.

- *Please provide a short summary of skills and experience per project team member, alongside the structure of the project team (roles, responsibilities), and expected time commitment.*

*

(500 words max)

46. Detail your organisation's track record in delivery. Give examples of previous projects in this and related topic areas. Include any consortia partners if relevant.

- *Summarise examples of projects that demonstrate that your organisation is able to successfully execute the activities for which you are applying for funding.*
- *Previous DfT competition grantees should not rely on the assumption that the assessors are familiar with their project and full details should be provided.*

*

(750 words max)

6.3 Appropriateness of project management and governance structure and partners roles

47. Please provide a description of your commercial and governance structures, including partner and stakeholder relationships.

- *Explain the necessary partner and stakeholder relationships appropriate for the delivery of the funded activities.*
- *Include letters from all proposed partners confirming that they have agreed to be part of the consortium/alliance/partnership that will implement this project as Appendix C.*

*

(150 words max)

48. Explain how intellectual property will be managed.

- *Clearly explain who owns the intellectual property rights.*
- *Your response should also include where appropriate;*
 - *the capture and formalisation of IP generated by the project;*
 - *commercial management of IP*
 - *the processes for ensuring that the applicant has all the technology licences required to complete the project.*

*

(500 words max)

6.4 Appropriateness and credibility of the project test plan

49. Outline the milestones and deliverables for the funded activities. This should include a detailed delivery plan with associated timelines (including a Gantt chart) which identifies activities and milestones.

- Upload your Gantt chart as Appendix D to your online secure folder.

*

(250 words max)

50. Please confirm that all Sustainable Aviation Fuels Test Grant funded elements will be complete by 31 March 2025.

*

- Yes
- No

The overall project duration may exceed 31 March 2025, but funding is only available for work taking place during the Funding Period up to this date. Please confirm that the Sustainable Aviation Fuels Test Grant elements will be completed within the Funding Period.

6.5 Detailed understanding of the project risks and their management

51. Clearly explain the key project risks and how they will be managed in a way that will allow for successful delivery of the funded activities.

- *Upload your risk register as Appendix E to your online secure folder.*
- *Ensure all significant risks are recorded and as a minimum this must include all technical and Health & Safety risks.*
- *Provide mitigation as to how you will ensure that the funded activities will be completed within the given timescales.*

*Provide a brief overview of your key risks and mitigation strategy.**

(300 words max)

 *This would be a good time to save your progress by using the 'Save and continue later' link at the top right hand side of this form.*

SECTION 7: Project Finance

7.1 Credibility of detailed costing for the funded activities

52. Please detail all relevant costs for the funded activities.

- *Costs should take into the eligible costs detailed within the guidance document.*
- *Applicants are encouraged to use the space provided here to explain why the costs are appropriate (e.g. why specific purchases are required etc). Include relevant quotes from testing facilities in Appendix F and explain your final choice of test facility.*
- *If you have more than five then please contact UK SAF Clearing House*

Itemised breakdown

*Total costs of the eligible activities:**

Item	Cost £	Estimated date of completion
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

53. *Please explain why the costs are appropriate, and explain your final choice of test facility. If there are multiple test facilities available, at least 2 quotes should be obtained and evidenced to show you have chosen the option with best value for money, or a reason why this best value option was not selected.*

7.2 Strength of case for DfT funding, including level of match funding leveraged and status of securing funding

54. Confirm the total project costs and grant request from the Sustainable Aviation Fuels Testing Grant.

- Provide an itemised price breakdown if available.
 - If the work is to be done in stages or has different elements please show costings for each part.

One of the criteria used for selecting projects to support is value for money. Applicants must decide the minimum amount of grant funding that is necessary to enable the project to succeed. In addition, DfT will only fund those projects that have been unable to obtain private sector funding for the activities on reasonable commercial terms. *

	£	%
Grant Request	<input type="text"/>	<input type="text"/>
Match Funding	<input type="text"/>	<input type="text"/>
Total Cost	<input type="text"/>	<input type="text"/>

55. Please highlight any risks to cost variability or delays in completing any specific tests. *

(100 words max)

56. Where relevant, please confirm the match funding you have in place to cover the total costs that are not being provided by the Sustainable Aviation Fuels Testing Grant and provide evidence of how this match funding has been secured. Append any necessary supporting information to your application.

- *Detailed evidence is required to show that, subject to securing the grant, you have adequate finance to invest in the project, and cover any potential cost over-runs. In this section, please briefly explain the monies that will come from each source and attach any relevant screenshots/emails/letters explaining the level of engagement and commitment to date. Evidence should be combined into a single pdf document as Appendix G.*

Some examples of evidence you may provide could include (although different applications may use different financing routes):

- *For projects that will use some of the entities' own resources, a Board or Steering Committee approval letter or memorandum,*
- *For equity investors letters of support*
- *For bank finance strong letters of support*
- *For other grants you have applied for, evidence this grant is ready to be drawn.*

Note that the DfT may conduct due diligence on the funding sources detailed within your application, including a credit (or other financial) check on your organisation, and the DfT may request additional information during this process. Applicants must satisfy these due diligence, financial and organisational checks required prior to receiving public funds.

*

(250 words max)

57. Please confirm the planned activities have not been previously funded by DfT (or other public-sector funding).

It is possible to apply or to have applied for other grant scheme funding so long as Subsidy Control rules are not breached. This may mean a single eligible organisation applies for grants from two or more schemes up to the maximum subsidy control intensity, or that grants are applied to different elements of a fuel testing project, so long as the base eligible costs do not overlap.

*Please refer to the guidance document for more information **

- Yes
- No

58. Please confirm the lead applicant acceptance of the terms and conditions of the Example Grant Offer Letter on the UK SAF Clearing House website.

Consortiums must have completed a legal or commercial review of the example grant offer letter in order to confirm acceptance of the proposed terms and conditions of future grant funding.

The applicant must agree to the grant terms & conditions as proposed by the Secretary of State for Transport.

*Negotiation of the grant terms & conditions is not possible – only annexes containing project-specific grant conditions (e.g. milestones, stage gates) will be subject to negotiation. The example grant offer letter is available to potential applicants on the fund website. **

Yes

No

 ***This would be a good time to save your progress by using the 'Save and continue later' link at the top right hand side of this form.***

SECTION 8: Declarations

8.1 Declaration of Honour

59. Declaration *

I, the undersigned, on behalf of the Lead Applicant,

(1) declares that the Applicant:

- a) is not bankrupt or being wound up, is having its affairs administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of proceedings concerning those matters, or is in any analogous situation arising from a similar procedure provided for in national legislation or regulations;
- b) is in compliance with all its obligations relating to the payment of social security contributions and the payment of taxes in accordance with the legal provisions of the country in which it is established, with those of the country of the contracting authority and those of the country where the contract is to be performed;
- c) is not a subject of an administrative penalty for being guilty of misrepresentation in supplying the information required by the contracting authority as a condition of participation in a procurement procedure or failing to supply this information, or having been declared to be in serious breach of its obligations under contracts covered by DfT's budget; and

(2) further declares that the Applicant has not, and none of its directors or officers have:

- a) been convicted of an offence concerning professional conduct by a judgement of a competent authority which has the force of res judicata;
- b) been guilty of grave professional misconduct proven by any lawful means which DfT can justify including by decisions of the UK Government, European Union or any other international organisation; and
- c) been the subject of a judgement which has the force of res judicata for fraud, corruption, involvement in a criminal organisation, money laundering or any other illegal activity.

An officer of the relevant organisation possessing the authority to enter into agreements on its behalf should sign this declaration.

It must be a different person to the main contact given in SECTION 1 – Administrative Details.

60. Signed *

Sign name using mouse or touch pad

Signature of

61. Details *

Title	<input type="text"/>
First name	<input type="text"/>
Surname	<input type="text"/>
Position in organisation	<input type="text"/>

8.2 Declaration from Applicant

The Applicant declares that:

- To the best of its knowledge this application requests grant support only for eligible costs and complies with the rules on public funding as described in the Sustainable Aviation Fuels Testing Grant guidance document.
- The information given on this application form and in any other documentation that supports this application is true accurate.
- It understands that, where any materially misleading statements (whether deliberate or accidental) are given at any stage during the application process, or where any material information is knowingly withheld, this could (at the discretion of the Department for Transport) render its grant application invalid and any grant funds received may be liable for repayment.
- The grant scheme falls within its governing document (e.g. constitution, set of rules, trust deed, or memorandum and articles of association).
- It has the power to accept a grant subject to conditions, and the resources to repay the grant in the event of the grant conditions not being met (in the opinion of the Department for Transport).
- The original wording and structure of this application form is as it was originally provided and has not been altered, deleted or added to in any way.
- It will take all reasonable precautions to ensure that grant funds received will not be misused or misappropriated in any way. In the event of fraud, it understands that the Department for Transport will take legal action to recover any misappropriated funds.
- It has sufficient funds available to meet the requirement of private funding and to undertake the work which is the subject of this proposal.

An officer of the relevant organisation possessing the authority to enter into agreements on its behalf should sign the hard copy of this declaration.

It must be a different person to the main contact given in SECTION 1 – Administrative Details.

62. Signed *

Sign name using mouse or touch pad

Signature of

63. Details *

Title	<input type="text"/>
First name	<input type="text"/>
Surname	<input type="text"/>
Position in organisation	<input type="text"/>

8.3 Data Protection

Fair Processing Notice

The purpose of this Fair Processing Notice is to inform you of the use that will be made of your personal data, as required by the General Data Protection Regulation 2018.

The Department for Transport is the data controller in respect of any personal data that you provide when you complete the Sustainable Aviation Fuels application forms. The University of Sheffield and Ricardo Energy & Environment (a trading name of Ricardo-AEA Ltd) are The Department for Transport's appointed agents for the purposes of administering the scheme, and they will process the data on The Department for Transport's behalf.

The Department for Transport and its appointed agents will use your personal data for the purposes of administering and analysing applications and grant awards and subsequent monitoring, including site visits, of successful projects under the fund. Some information will be shared with other Government Departments, their agencies and appointed agents to enable the detection of fraudulent applications to the fund and other grant schemes.

The Department for Transport may be required to release information, including personal data and commercial information, on request under the Environmental Information Regulations 2004 or the Freedom of Information Act 2000. However, the Department for Transport will not permit any unwarranted breach of confidentiality, nor will The Department for Transport act in contravention of our obligations under the General Data Protection Regulation 2018.

The Department for Transport or its appointed agents may use the name, address and other details on your application form to contact you in connection with occasional customer research aimed at improving the services that the Department for Transport provides to you.

What non-personal information will the Department for Transport make publicly available?

Details of applications

During any support given by the UK SAF Clearing House, the number of eligibility assessments received will be disclosed on request.

Details of grant-funded projects

It is important to the aims of the scheme that the grant-funded projects should act as encouragement for others. Once the applications have been determined, summary details of the successful projects will be published and disseminated widely, including being published on The Department for Transport's website and in press releases. Summary details may include:

The name of the project;

- The names of the organisations, companies etc who are members of the project;
- Location of the project;
- Grant allocated to the projects under the Sustainable Aviation Fuels Testing Grant;
- Total public support from all sources;
- Brief description of the project, including any key technical features (as supplied by applicants).

Section C of the guidance document explains the progress reports that projects are required to submit during the life of the grant agreement. The final report which describes the benefits and performance of the project, the difficulties encountered, and lessons learned, may be published in full. Interim reports may also be published.

64. I confirm that I have read and agree to the above data protection statement.*

Sign name using mouse or touch pad

Signature of

SECTION 9: Submitting Your Application

Receipt will be acknowledged.

Thank You!

Thank you very much for completing your stage 2 application. The UK SAF Clearing House will email you an acknowledgement of receipt within 2 working days.

If we haven't already done so at stage 1 we will provide you with a link to a secure online folder for you to deposit any supplementary documentation.

We will assess your application against the competition guidance and provide feedback.

The UK SAF Clearing House will advise you on how long this process will take.

Thank you again for your application.

Don't forget to download a PDF copy of your application for your own records. The button for this is at the bottom of the screen.