



Royal Academy
of Engineering

Green Future
Fellowships 

Green Future Fellowships Accelerated International Route (GFF AIR)

Invited Application guidance notes

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Introduction

The purpose of this document is to guide applicants in completing and submitting their invited application for the Green Future Fellowship Accelerated International Route (GFF AIR). The invited application represents the second stage of the GFF AIR application process with successful applications from the pre-qualification stage required to submit a more detailed application.

Programme overview

Climate change presents not only a national but a global challenge. To meet the UK's targets of reducing carbon emissions by 77% by 2035, there is a critical need to support and develop climate solutions that address adaptation and mitigation. The next decade is a crucial period where innovation can make a significant difference in achieving these targets.

Announced in 2023 and supported through a £150 million long-term endowment investment from the Department for Science and Innovation and Technology, the Green Future Fellowship is a unique new programme to support scientists, researchers and innovators to develop and scale up their breakthrough climate solutions.

The Green Future Fellowship programme will support at least 50 exceptional scientists, researchers and innovators (10 a year for five years) to transform their pioneering engineering innovations into climate solutions with real-world impact. Individuals will receive a 10-year award with funding of up to £3 million.

The novel technologies supported by the Green Future Fellowship programme will:

- be practical and scalable
- reduce greenhouse gas emissions and/or
- help the UK adapt sustainably to the impacts of climate change.

Innovations at all stages of development are eligible, from basic principles to proof of concept, demonstration, and application.

As well as funding for their fellowship, Green Future Fellows will also be provided with:

- mentorship from an Academy Fellow with relevant expertise to their programme of work, to provide independent advice and guidance throughout the duration of the award
- bespoke support package, including training opportunities
- access to the Academy's [Awardee Excellence Community](https://raeng.org.uk/about-us/awardee-excellence-community) (<https://raeng.org.uk/about-us/awardee-excellence-community>).
- Fast-track endorsement under the Global Talent Visa for successful applicants.

Accelerated International Route

Attracting exceptional talent from around the world has always been a key objective of the Green Future Fellowship programme. To support non-UK-based applicants, the Accelerated International Route (GFF AIR) offers a funding decision on an

accelerated timeline. This route is designed to enable exceptional non-UK-based researchers and innovators to bring their pioneering climate solutions to the UK more rapidly. Eligible applicants will benefit from a faster application and review process, helping to facilitate their transition and contribution to the UK's climate innovation landscape.

Diversity and inclusion

The Royal Academy of Engineering is committed to diversity and inclusion and welcomes applications from all underrepresented groups across engineering. It is the Academy's [policy](#) to ensure that no applicant is disadvantaged or receives less favourable treatment because of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex, or sexual orientation.

Before you commence your application, you will be asked a few diversity monitoring questions to help the Academy monitor and assess our progress on diversity and inclusion in Academy programmes. It will only be used for statistical purposes with access restricted to staff involved in processing and monitoring the data. No information will be published or used in any way that identifies individuals. The Academy will retain personal information as per our [Data Retention Policy](#) (<https://raeng.org.uk/media/duhjwap2/raeng-privacy-policy-grant-or-award.pdf>) in line with the General Data Protection Regulations 2018.

The information will be treated as strictly confidential, nonattributable and will not be seen by anyone involved in any selection processes. You will need to complete the diversity monitoring section before you can submit the grant application form but can choose "prefer not to say" as responses.

Reasonable adjustments

We want to ensure all applicants can participate and present their best selves during the application process, and for the duration of the Green Future Fellowships if you are successful.

If you need any adjustments or changes to support your participation in the process or throughout the programme, please contact the Green Future Fellowships team by telephone, +44 207 766 0770, or email to discuss your needs: gff@raeng.org.uk

All information shared will be treated confidentially in line with GDPR principles. For more details, please see the Academy's [privacy policy](#).

We encourage you to **get in touch at least 10 working days before the submission deadline**, so we can respond accordingly and tailor possible adjustments to your circumstances.

Grant programme details

Eligibility criteria

- Applicants must be based outside of the UK and not currently have a substantive research or innovation presence in the UK. Please refer to [Substantive research presence in the UK](#) for more details.
- Applicants must be a recognised leader in their field or show clear potential to become a leader in their proposed area of work.
- Applicants must be able to demonstrate that their proposed project warrants consideration on an accelerated timeframe. This may include the project's urgency, strategic importance, or the risk of missed opportunities – such as time-sensitive partnerships, competitive offers from international counterparts or the need to rapidly establish a research presence in the UK to enable development and scale up of the proposed climate solution – which would not be possible via submission to the annual Green Future Fellowship call.
- Awards must be held at a UK-based organisation. This may be a university, research institute or company. For for-profit organisations, special rules on the types of application and funding allowed will apply – these are set out below. If you are in doubt over whether an organisation is eligible, please contact the team to discuss. Applicants may propose hosting the award within a new startup company that will be created for the project. In this case, additional financial and reporting requirements will apply.
- There are no nationality or age restrictions for applicants.
- There are no limitations on the career stage of applicants. Applicants are not required to hold a PhD.
- Applications are welcome for innovations at all stages of development, from basic principles to proof of concept, demonstration and application with no restrictions based on Technology Readiness Level (TRL). Applications must be centred around enabling and driving scalability of the proposed climate technology solution and demonstrate excellence or the potential for excellence in engineering or technology.
- Proposed projects must demonstrate the potential to deliver impact that benefits the UK, alongside any global impact.
- The Green Future Fellowship should be the applicant's primary source of employment. Applicants are eligible to hold other awards but must be able to dedicate the majority of their working time to Green Future Fellowship programme of work.
- Green Future Fellowships can be led by individuals from non-engineering backgrounds or disciplines, but they must provide clear evidence of how their research or innovation promotes engineering excellence and supports engineering outcomes.

- Applicants are only permitted to have one Green Future Fellowship application under consideration at any given time. Applicants are not permitted to apply simultaneously to the annual Green Future Fellowship call and the Green Future Fellowship Accelerated International Route.

Substantive research or innovation presence in the UK

Applicants must not have a substantive research or innovation presence in the UK.

Applicants are **not eligible** to apply for GFF AIR if they meet any of the following criteria:

- they are currently resident in the UK
- they are currently on secondment outside of the UK but retain a substantive employment contract with a UK-based organisation
- they are eligible for submission under the UK Research Excellence Framework (REF)

Please note non-UK-based applicants who already have a substantive presence within the UK are eligible to apply via the annual Green Future Fellowship call.

The following do not constitute a substantive connection to the UK and therefore **would not** preclude an applicant from applying to GFF AIR:

- holding an honorary or affiliate position at a UK-based organisation that is nominal only and does not involve any active duties or salary
- serving as an advisor to a UK-based company, provided this is ad hoc and does not constitute employment with the company
- collaboration on UK-based awards, provided the applicant is not the named award holder or recipient of any UK-based funding or awards.
- co-authoring academic papers with UK-based collaborators
- having financial investment in a UK company, so long as the applicant is not currently employed in the UK
- being an external examiner for UK-based PhD students

Relocation to the UK

Green Future Fellowships must be held at a UK-based organisation. Applicants do not need to have secured a UK-based host organisation at the application stage.

If successful, applicants would be required to find a suitable UK-based host organisation and relocate to the UK. Successful applicants requiring a visa will be eligible to apply for a Global Talent Visa under the fast-track process of endorsement.

Relocation to the UK is not intended to be temporary or limited to the duration of the award. Successful GFF AIR applicants are expected to establish an ongoing presence in the UK and to make a sustained contribution to the UK's funding and innovation ecosystem beyond the duration of the fellowship.

Successful applicants will have up to one year from the offer in principle to start their fellowship, the Academy would expect GFF AIR awards to start as soon as possible to reflect the need for consideration on an accelerated timeframe.

The Academy is committed to supporting Fellows in overcoming potential barriers to relocation and will work closely with successful applicants to facilitate a timely move to the UK.

Part-time and flexible working

The Academy is keen to support applicants to achieve a balance between their personal and work demands. We are happy to discuss individual requirements and consider part-time and other flexible working arrangements.

The Green Future Fellowship should be the applicant's primary source of employment. Green Future Fellowships can be held parttime, and applicants are eligible to hold other awards, but applicants must be able to dedicate the majority of their working time to the Green Future Fellowship programme of work.

Applicants with multiple sources of employment or those unsure if they meet the criteria should contact the Academy for guidance before completing the application.

Green Future Fellows should be entitled to maternity, paternity, adoption and sick leave under the host organisation's normal conditions of employment. The Academy will extend the duration of the Green Future Fellowship pro-rata to take into account such periods of leave.

Mentoring and monitoring

Awardees will receive mentorship from an Academy Fellow throughout the award's duration. The mentor will provide independent advice and guidance.

Awardees will be required to comply with the monitoring requirements for the programme as stated by the Academy. Monitoring requirements will be dependent on the nature of the project, but all awardees will be required to update the Academy promptly on significant developments and submit an annual report and expenditure statement to the Academy.

Funding guidelines: overview

Applicants are not required to have secured a UK-based host organisation at the application stage. If successful, applicants will be required to find a suitable UK-based host organisation.

Funding guidelines: universities/not-for-profit organisations

Where a not-for-profit organisation research or knowledge dissemination organisation is applying **without** any for-profit partner/collaborator identified in the application, we will fund projects at 100% of eligible costs (including a suitable contribution to overheads) or Full Economic Costs (for university recipients or other organisations that have a [TRAC](https://www.trac.ac.uk/) (<https://www.trac.ac.uk/>) approach to costing).

Where we are funding a non-for-profit organisation research or knowledge dissemination organisation and there is one or more specific for-profit partner/collaborator identified in the application we may need to offer the grant funding as an indirect subsidy to that enterprise unless that research is considered to be basic research ¹(funded at 100%).

In the case where funding is considered a subsidy, the Academy will fund the project at a reduced level of the total eligible costs (where this includes costs both within the not-for profit organisation and the collaborating enterprise). The portion offered will align to the published ratios within the [Research, Development and Innovation Streamlined Route](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1128060/research-development-innovation-streamlined-route-guidance.pdf) (https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1128060/research-development-innovation-streamlined-route-guidance.pdf) and any subsidy will be offered on the basis that the Academy has conducted a principles assessment as required under the Subsidy Control Act 2022. The ratio offered will depend upon on the size of the partnering enterprise(s), the nature of any partners and their publication rights, and whether the project is best considered as a feasibility study², industrial research³, or experimental development ⁴under the definitions within the route.

Due to the very wide range of projects that can be supported under the Green Future Fellowship programme, we will contact applicants ahead of invitation to the assessment day to discuss the required subsidy ratio (or the likely ratios that would apply dependant on the confirmation of collaborators). As general guidance, we expect that most projects hosted by not-for-profit organisations will be considered as either basic research ⁵ (funded at 100%) or industrial research⁶, with a research organisation that has the right to publish its own research results. In that case that the project is deemed as industrial research, the ratios in the table below will apply (noting that they apply to the project as a whole, not the portion undertaken within the university:

Size of benefitting enterprise	Subsidy ratio*
Small	85%
Medium	75%
Large	65%

*These ratios include a 15% uplift based on the project involving effective collaboration⁷ between a company and one or more research and knowledge dissemination organisation, which **must** have the right to publish its own research results.

Note also that where a collaborating company is engaged in supplying goods in Northern Ireland, there will be additional need to consider the implications of EU State Aid rules. Where these apply, they will be discussed with applicants at the point of award and may mean that different conditions apply to such awards.

Applicants are encouraged to get in contact with the Academy if they have any questions in relation to these funding guidelines: gff@raeng.org.uk

Applications funded via this route will be awarded under the Green Future Fellowships Grant Agreement included in [Annex A](#). This agreement has been developed to ensure funding aligns with our Academy values, is used for the purposes for which it was

awarded and is managed in compliance with our own funders' agreements, UK legislation and funding best practice.

Funding guidelines: for-profit organisations

Green Future Fellowships aim to accelerate the benefits of technologies at all stages of development, including those that are best led within commercial organisations. Profit-making organisations are eligible to apply for Green Future Fellowships but are subject to additional requirements on the kinds of projects that are eligible and the nature of the funding that can be provided.

The Royal Academy of Engineering is a UK-based charity and therefore complies in full with the [Charity Commission guidance on grants to non-charities](https://www.gov.uk/guidance/grant-funding-an-organisation-that-isnt-a-charity) (<https://www.gov.uk/guidance/grant-funding-an-organisation-that-isnt-a-charity>). This means that our funding must have a significant different character from innovation grants from government or contracts between companies with which companies will be familiar.

We offer three routes for funding businesses in this round:

- university partnership
- convertible loan
- grant requiring full public access to IP.

University partnership: in this route a university (or similar not-for-profit) research organisation acts as the organisational recipient of the grant, with an individual being seconded from the business to the university for the duration of the work before returning to the company. In this case, the grant works in a similar way to that for a university with a for-profit partner/collaborator, with the additional requirement that a formal agreement between the university and the business covering the management of the secondment, intellectual property, and any financial benefits resulting from the application, must be in place before the fellowship starts. The guidance on subsidy control arrangements under the universities/not-for-profit organisations route will apply for any project funded via this route. There is no requirement for the university and company to have an existing partnership. Where a new partnership needs to be established or agreements are not yet in place, there is flexibility in the award start date. Successful awards funded via this route are expected to start within one year of receiving the offer in principle.

Convertible loan: through this route, successful applicants will be offered a commercial loan agreement of up to £3 million convertible to equity in the relevant company at suitable fundraising events, along the lines of commercially available investments in startup companies. In making this offer, the Academy will be pursuing in a balanced way, both an expectation of financial return to the Academy and furthering the charitable purpose of engineering excellence to address climate challenges. Hence the loan will be on broadly commercial terms adjusted for Academy requirements and the loan funds must be used for activity that demonstrably contributes to the Academy's charitable purpose of advancing engineering excellence to address climate challenges. Terms such as interest rate, discount, draw down process, valuation mechanics or repayment triggers will follow normal commercial practice for early stage investments.

Invited applicants considering the convertible loan route may request a copy of the example Heads of Terms by contacting gff@raeng.org.uk. These will be shared on a confidential basis, and the Academy will only answer questions and enter into negotiations with applicants selected for funding.

Applicants should note that loans will be offered only to projects assessed as excellent and having suitable impact. Any loan will be a commercial agreement, negotiated with expectations of a suitable financial return to the Green Future Fellowships Fund, and will require Trustee Board approval based on the anticipated social and financial impact of investment. The requirements of the subsidy control regime also apply to loan offers and will limit the difference between the terms the Academy is able to offer and those that might be available on the market to those proportionate to the policy objectives being pursued by the Green Future Fellowship.

Grant requiring full public access to intellectual property: a company can receive a grant from the Academy directly provided that useful results of the research and development work are placed promptly in the public domain (typically through publication in a disciplinary journal or similar although alternative arrangements may be proposed). The company may retain ownership of the intellectual property but must make it available under strong open licence terms for others to benefit from it without compensation or other non-incidental benefit to the company. Additional conditions will be placed on the offer of the grant to ensure that these requirements are met in a proportionate manner. We anticipate that these will be negotiated at grant offer stage on a case-by-case basis because the range of potential circumstances is so large that a proportionate regime cannot be specified in the abstract.

Intellectual Property and revenue changes

The Royal Academy of Engineering requires that any intellectual property (IP) created through a Green Future Fellowship is managed in a way that maximises public benefit. Host organisations retain ownership of any IP generated, but any financial returns from its commercialisation must be used to support engineering excellence for the benefit of society.

For projects funded at 100% of full economic cost (fEC), specific requirements apply when the cumulative net income resulting from the IP exceeds £3 million. The host organisation must share 50% of the excess with the Academy, unless permission is granted to retain it for furthering the purposes of the Green Future Fellowship fund.

Where a host organisation is a smaller charity that does not yet have in place approaches to manage commercial returns, they can apply to the Academy for bespoke guidance and additional financial support to enable the development of capacity to maximise the benefits of the Green Future Fellowship that it hosts.

Please refer to [Annex B](#) for full details on the Academy's expectations around revenue sharing.

For university and not-for-profit recipients of Green Future Fellowship awards

In line with the UK government's Independent Review of Spinouts and the TENU USIT guides the Academy requires that for any spinouts that arise from Green Future Fellowships the university equity stakes be no more than 21.5% unless written

permission is given by the Academy in advance. To seek permission to deviate from the TENU guidance or maximum equity share, the host university would be required to submit a written explanation to the Academy for the variation from TENU expectations.

National Security

The Academy is the UK's National Academy for engineering and technology and seeks to increase the potential positive benefit that innovations can have for society, whilst reducing the risks of harm. Hence, in all our activities, we seek to minimise the risk that technology developed as part of work that we support could be misused by a foreign state to build a capacity to target UK interests in a hostile fashion or to control or repress their population. There is a risk that for some grant activities, failure to protect IP and a lack of due diligence into collaborators could result in sensitive technology being transferred to and misused by a hostile or repressive foreign state. As such all applicants should ensure they are familiar with the Academy's [Policy on National Security-Related Risks](https://raeng.org.uk/policies) (<https://raeng.org.uk/policies>).

Use of generative AI tools in funding applications

The Academy has aligned with other UK funders around the use of generative artificial intelligence (AI) tools in funding applications through the Research Funders Policy Group [joint statement](https://wellcome.org/what-we-do/our-work/joint-statement-generative-ai) (<https://wellcome.org/what-we-do/our-work/joint-statement-generative-ai>).

Applicants are fully responsible for all of the content presented in their grant application(s). While these tools may be used to assist in various aspects and the grant process does not penalise the use of generative AI tools, applications **must** reflect the applicant's own ideas, work and voice. Applicants must provide clear acknowledgement if they have used generative artificial intelligence (AI) tools in the process of writing their grant application and a failure to declare use may result in your application being removed from the review process.

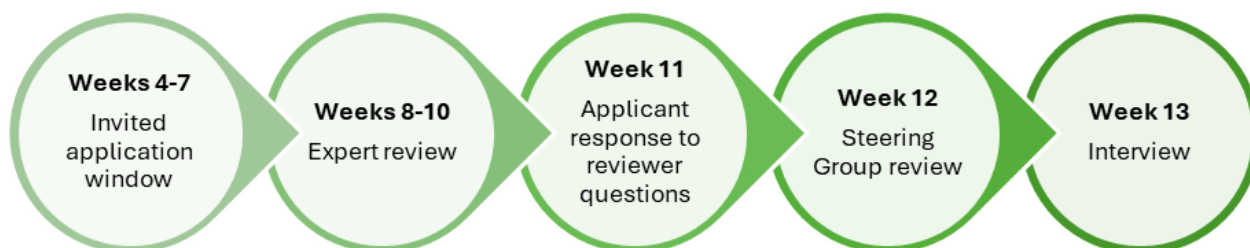
Application process

The invited application requires applicants to elaborate on the information provided in the pre-qualification check and provide comprehensive information on the proposed project.

At this stage, it is particularly important that the application clearly describes the product or solution that is being proposed and its potential impact. Applicants are also asked to provide a critical assessment of their project. This should include an assessment of the wider relevant research field or state of the art, including a competitor analysis, as well as highlighting any limitations or negative effects of the proposed project. For more details on all the required information, please refer to the section on [Completing the invited application](#).

The deadline for the submission of invited GFF AIR applications will be communicated directly to each applicant. Applicants will have four weeks to submit their application.

Invited applications will be assessed by three expert reviewers who will be asked to provide comments, a score and any questions that require clarification from the applicant based on the novelty of the innovation and the candidate's ability to carry out the technical aspects of the project. Please refer to the [Assessment Criteria](#) for full details.



For the invited application stage, applicants can only access the application via a personalised link. This link will be sent directly to applicants via an email from the Academy.

All applications must be submitted via the Academy's online grants system available here: <https://grants.raeng.org.uk>.

Please use the same login details that you used when you submitted your pre-qualification check application. If you need to update your contact information, please contact gff@raeng.org.uk.

The application should be submitted by the applicant. We recommend leaving plenty of time to complete the application form ahead of the deadline and thoroughly going through your application prior to submission. While the guidance notes are embedded within the system itself, we recommend you keep this document to hand when completing the application form. All of the questions have prescribed word limits which are designed to keep your answers focused and indicate the level of detail we require. The number of words you have used will be displayed beneath the question and updated in real time.

Completing the invited application

After logging into the online grants system using the link emailed to you, you should be presented with the 'Instructions' screen.

Here you will see some general instructions on how to use the system, as well as links to each of the eleven sections of the application form given below:

1. Applicant and host details
2. Project details
3. Candidate experience and wider support
4. Novelty and innovation
5. Commercialisation strategy
6. Intended impact

7. Long-term vision and sustainability
8. Collaborations and partnerships
9. Funding requested
10. Responsible research
11. Use of Generative AI
12. Letters of support and declaration

At any stage in the application process, you can save your work and return to it later. You can answer the questions in any order you like, so you may skip some sections to return to later if you wish. We recommend viewing the application early on to understand what is required.

In certain sections of the application form, the answers you gave in the pre-qualification check will be pre-filled. For these sections, you may choose to build on your previous answers, but you must also answer any new questions.

General guidance for completing the invited application:

In completing the application, you should aim to be as forthcoming and accurate as possible in presenting the weaker aspects, uncertainties, and limitations of your project, as well as the strengths. In reading your answers, the panel are looking to get a reliable and realistic idea of the current stage and potential for each project. It is understood that all projects under assessment will require significant investment (in time, training, resources, etc.) to achieve the objectives and that there are inherent uncertainties in obtaining the objectives. The panel see it as a positive attribute to your application that you have been forthcoming about the potential concerns you have about your ideas and their execution.

1. Applicant and host details

Q. Applicant name and contact details

Please confirm your name and preferred contact details. Please ensure that the contact email address is correct and will be valid for the entirety of the application process.

Q. Host organisation status

Please confirm your host organisation status.

Please indicate whether you have a confirmed UK based host organisation. For applicant's intending to **set up a new organisation to host the fellowship** you will be required to answer the following additional question:

Q. Overview of new host organisation (optional)

For applications that will be hosted in a new organisation, specifically created to host the fellowship, please provide details on the following:

- **Core vision and strategy:** describe the core vision and strategy for the organisation. Explain how this vision and strategy align with the broader aims of the Green Future Fellowship.
- **Challenges addressed:** identify the specific challenges your organisation aims to address. Discuss the significance of these challenges and their impact.

- **Market position:** provide an analysis of the market position of your organisation. Include information on market size, growth potential, and competitive landscape.
- **Unique selling point (USP):** clearly articulate your organisation's unique selling point. What are the benefits and advantages of creating a new organisation, as opposed to taking this project forward within an established organisation.

Maximum 1000 words

Please note: this question is only applicable to applicants proposing to host the fellowship in a newly created organisation. The response to this question will only be seen by the Green Future Fellowship Steering Group and will not be shared with expert reviewers. Applicants invited to interview should be prepared to discuss this area in more detail.

Q. Funding route

Please confirm the funding route for your fellowship. This must be either a university/not-for-profit organisation or a for-profit organisation.

Q. Funding route for for-profit organisations

This question is mandatory for applicants applying from a for-profit organisation. Please confirm the funding route for your fellowship (university partnership, convertible loan, or full public access to IP). Before selecting, we recommend that you refer to the section in the guidance notes: [Funding guidelines: for-profit organisations](#).

2. Project details

Q. Project title

Please confirm your project title. The title should be **no longer than 15 words** and should be understandable to a non-specialist reader. The essence of the project should be captured in the title, and it should be as informative as possible.

Q. Short synopsis

Describe your project and the key objective(s). If needed, the short synopsis can be updated from the version given in the expression of interest. **Maximum 250 words**

Q. Subject category

Please check that the subject category selected at the expression of interest is still the most applicable for your project. Select one single broad engineering category that best aligns with your project. The category selected will be used to help identify reviewers. If your project fits into several categories, please pick the category that is most applicable to your project. Please refer to [Annex C](#) for further information.

Q. Keywords

Please provide a maximum of **10 keywords** that describe your project. These will be used to help identify reviewers. Keywords can be modified from those provided in the expression of interest if needed.

Q. Proposed start date

Please provide an indicative start date for your project, this date is subject to change. The expectation is that awards will start within 6 months of receiving the funding offer but there is flexibility if needed. Please enter an indicative start date.

Please note: this information is for administrative purposes only and will not form part of the assessment process.

3. Candidate's experience and wider support

Applicants should respond to the below questions in a manner that best fits their specific project, technology, or innovation.

Q. Candidate's most significant achievements

Describe three of your most significant achievements. Explain their significance in terms of your career or personal trajectory. We would like to emphasise that all achievements and outputs are welcome and considered valuable to the Academy. Achievements can include, and are not limited to code, patents, innovations, spin-out companies, events, public engagement and policy impact including achievements outside your career which you feel are relevant to your application/chances of success.

Maximum 300 words.

Q. Fellowship relevance

Please explain why this fellowship is the most suitable opportunity for your project, and how your project aligns with the objectives for the Green Future Fellowship programme. What would a Green Future Fellowship make possible for your project, or what barriers would it remove, that other opportunities might not?

Maximum 200 words.

Q. Candidate's other commitments

The Green Future Fellowship should be the applicant's only source of employment and successful applicants will be required to devote the majority of their working time to the Green Future Fellowship programme of work.

Please declare any other commitments you have and explain how these complement your proposed programme of work and how you will manage the delivery of these activities. **Maximum 250 words.**

Q. Wider team contributions

Describe the current team supporting your project. What are their roles and areas of expertise? How has the existing team contributed to the development and progress of your innovation so far? How will their expertise, roles and skills complement the proposed project? **Maximum 200 words.**

Q. Team development

What key skills and expertise will you and your team need to further develop, or are currently missing, to be able to successfully deliver this project? Describe how you would seek to expand or develop these skills and expertise to ensure the success of your project. Please aim to be as candid as possible in your answer. **Maximum 200 words.**

Q. Diversity and inclusion

The Royal Academy of Engineering strives to create cultures in which everyone can thrive, and we believe that diverse perspectives enrich our collective performance. What does diversity and inclusion mean to you? How will you embed equity, diversity and inclusion into your project design and your project team to mitigate the risk of bias in the proposed project? **Maximum 250 words.**

Q. Choice of host organisation

Provide justification for your choice of host organisation. Why is your proposed host the most appropriate for your project? You may wish to comment on the facilities and expertise that will be available to you.

Please indicate whether you have been in contact with any UK-based organisations regarding the hosting of this Fellowship or which organisation would be the preferred UK host and why. **Maximum 200 words.**

Q. Candidate's CV

The format and content of your CV is left to your discretion. You do not need to include contact details here again as these are included earlier in the application. Please include details that evidence your ability to deliver the project you are proposing including:

- Qualifications and/or experience (listed in reverse order)
- Track record
- Any patents
- Details of successful or pending funding applications

The CV should be uploaded as a single PDF. **Maximum 2 pages.**

4. Novelty and innovation

Q. Project overview

What are the key scientific, technical and/or societal challenges you aim to address? Provide an overview of the methodology and design of your project, including key aims and objectives over the ten-year work programme. Detailed technical specifications should be included, and any relevant diagrams or models should be uploaded as key supporting documents. **Maximum 1000 words.**

Q. Project implementation

How will your project overcome the scientific, technical and/or societal challenges identified? How will you ensure the rigour and validity of your work? How do you see your proposed innovation progressing through the Technology Readiness Levels (TRL) over the next 10 years? **Maximum 800 words.**

Q. Competitive landscape

Describe the current innovation landscape related to your project. How does your proposed innovation stand apart from existing technologies? How is it disruptive, rather than merely adding to what already exists? Identify the key technologies or approaches that aim to solve the same problem. Why is your technology needed in this space? Please aim to be as candid as possible in your answer. **Maximum 500 words.**

Q. Emerging innovation landscape

Describe the emerging innovation landscape relevant to your project. Looking ahead over the 10-year duration of the fellowship, what is the likely future state of the art in this area (e.g. in terms of performance, cost, scalability, and deployment)? Explain how your proposed innovation will compete in that future context. Why would it be adopted in practice over other credible alternatives? **Maximum 300 words.**

Q. Key supporting documentation (optional)

Please use this section to provide any relevant supporting images/diagrams related to your project. Any images and diagrams provided must be referenced in the case for support. **The images/diagrams must be uploaded as a single PDF document with the documents in the order you would like them viewed.**

Q. Reference list

Please attach a list of all references cited in your application. Where possible, include web links to any open access articles to help reviewers access the sources. You may want to highlight the most relevant references. **The reference list should be updated as a single PDF document, limited to a maximum of two pages.** Please ensure the references are formatted clearly and concisely.

Q. Project timeline

Please upload a Gantt chart or equivalent, outlining the plan and timeline for the project over the ten-year period. Please ensure major milestones are clearly plotted. There are no restrictions on how the funding should be distributed across the duration of the award. **The chart must be uploaded as a single PDF.**

Q. Identification and mitigation of risks

What are the potential risks associated with your project, particularly related to innovation and commercialisation? What are the barriers to commercialisation, or main reasons why your technology may not achieve the intended impact? How do you plan to mitigate these risks to ensure the successful execution and impact of your project? Include any risks related to the transition from development to adoption and how you will manage this transition. **Maximum 400 words.**

5. Commercialisation strategy

Q. Commercialisation strategy

Building on the answer provided in your expression of interest, describe how you will bring your technology to market and your path to scale. What are the key milestones, and how will you achieve them? You may wish to show how your commercial milestones are aligned with progression through the Technology Readiness Levels (TRL).

Maximum 600 words.

Q. Identify the customer(s)

Describe the customer(s) for your innovation. Try to be as specific as possible. Why would the customer(s) choose to buy or implement your technology, and why would it be preferable to a competitor's alternative? **Maximum 300 words.**

Please note: customers should be distinguished from beneficiaries. You will be asked about beneficiaries in another section of the form.

Q. Regulatory approval

Are there any regulatory approvals or certifications required for your innovation? If so, what is your plan for obtaining them? **Maximum 200 words.**

6. Intended impact

Q. Climate impact

Describe and quantify the benefits of your innovation in relation to your target sector, as well as any potential negative impacts. Please include details of the potential impact in terms of emissions reduction and/or removal, using credible supporting sources if possible. Please aim to be clear about what baseline you are measuring against and what specific segment of your target sector you can realistically address. Additionally, estimate the adaptation and/or mitigation value of your project. This should be expressed in terms of potential avoided costs. **Maximum 400 words.**

Q. Market value

Provide a clear numerical estimate of the likely market value of your proposed technology or solution, including the specific time frame. Additionally, include any market analysis or projections and explain the assumptions and methodology used.

Maximum 500 words.

Q. Beneficiaries and impact

Describe the expected outcomes of the Fellowship if your project is successful. What will the final product or solution look like? Who are the intended beneficiaries of your innovation, and how will you ensure that they receive the intended benefits? What are the plans for public engagement and outreach? **Maximum 500 words.**

7. Long-term vision and sustainability

Q. Long-term economic impact and sustainability

Provide estimates and/or projections of the long-term economic impact of your project. Please include how your innovation will contribute to broader factors such as job creation, competitiveness, or sustainable economic growth. Try to distinguish between impacts you can model with reasonable confidence and those that depend on assumptions about future policy, market conditions, or technology development. Frame this in terms of UK deployment potential (e.g. UK supply chain development, or contribution to UK net-zero targets). Where relevant, reference to global scaling potential may be included as an additional consideration after assessing UK impacts.

Maximum 500 words.

Q. Further financial support

How will you attract and secure further financial support to achieve your project goals? How much do you anticipate raising and in what timeframe? **Maximum 200 words.**

8. Collaborations and partnerships

Q. Identification of collaborators and partners

Identify all current or potential collaborators and partners. **Maximum 200 words**

Q. Role of collaborators and partners

Please provide details on how these collaborators and partners have already contributed to the impact of your innovation's development. How will these collaborations continue to contribute to your project? **Maximum 350 words.**

Q. Other letters of support (optional)

You may provide letters of support from your key or most relevant collaborators. Please ideally provide no more than three letters. Please ensure the letters are dated, submitted on headed paper and are signed by an appropriate person. Letters of support should provide details on why the collaborator is interested in the project, the nature of the collaboration and how it will be beneficial to the proposed project. Letter must be uploaded as PDFs.

9. Funding requested

Q. Funding requested

The total value of each Green Future Fellowship award is up to a maximum of £3 million for the ten-year award duration.

The Academy expects Green Future Fellows to use their award to gain funding/support from other sources.

Please use the table provided to enter the anticipated costs against the below headings. Costs should be provided as specific amounts (in pounds sterling) over the following periods: years 1-2, 3-5, 6-10. There are no restrictions on how the funding should be distributed across these periods. Successful applicants will be required to provide a more detailed costing breakdown.

- Employment costs inc. Green Future Fellow, research staff, support staff, students
- Equipment or consumables costs inc. software licenses (note that for any equipment worth over £138,000 funded by the award, the Academy must give permission for any disposal or change of use outside of the proposed programme of work)
- Indirect costs
- Other costs inc. travel and subsistence (excluding costs related to relocating to the UK), patent costs and other IP related costs

Non-eligible costs:

- Apprenticeship levy

Please refer to following sections on funding guidelines for more details:

- [Universities/not-for-profit organisation](#)
- [For-profit organisations](#)

Please note costings may need to be revised to apply with UK subsidy control requirements as applicable to the proposed project and partners in it.

Q. Justification of costs

Provide a justification for the costs requested and why they are needed to deliver the project and the anticipate profile of the fellowship. If relevant, please confirm what costs will be covered by other sources, for example industry or existing grants, so are not being requested as part of the application. **Maximum 500 words.**

10. Responsible research

The Academy aims to uphold the highest standards of ethical conduct and responsible research. Please refer to [Relevant Grant Policies](#) for further details on our grant policies.

Animals in research, development and innovation

Q. Does your proposal involve the use of animals or animal tissue?

This is a multiple-choice question and requires you to declare if your proposal includes research involving animals or animal tissue and whether that research is conducted within the UK and the UK's regulatory regime or outside the UK. If your research is going to be conducted outside of the UK, you must speak to an Academy staff member to assess whether we would be able to fund this type of research before beginning your application. If we are able to fund it, we will also ask you where it will take place and to provide details of the local legislation and ethical review procedures.

Q. Why is animal use necessary; are there any other possible approaches?

We require sufficient details to enable us to ensure that you have aligned your research with the NC3Rs and our Academy policy, particularly that you are able to explain why there is no alternative to using animals in the research and the ethical implications of the planned experiments.

Q. Do your experiments involve the use of non-human primates (NHPs), cats, dogs or equines, which are specially protected species under the Animals (Scientific Procedures) Act 1986

This is a yes or no question. If your experiment does involve the use of non-human primates we may send your application to additional independent experts for review.

Q. Please provide details of the animal species and number(s) to be used?

This and the following question require you to justify the number, species and sex of animals you are planning to use, clearly describing how the planned experimental design is appropriate to give robust results.

Q. Why is the species/model to be used the most appropriate?

Please discuss the relevance of your model(s) along with any limitations and how you have accounted for this within your study design.

Q. Please explain how you have considered the NC3Rs in your research design? You may also upload any supporting documents (ie the Experimental Design Assistant or power calculations) however this is not required at this stage.

This question allows us to assess if your research complies with the principles of Replacement, Reduction and Refinement and that you will ensure distress and pain are minimised and the severity level for all procedures is the lowest possible.

Q. Please provide information on your plan and the timeline to acquire all relevant ethical approval and licenses.

Q. Please upload any supporting documentation below (optional)

We recommend the use of the [Experimental Design Assistant](https://nc3rs.org.uk/our-portfolio/experimental-design-assistant-eda) (<https://nc3rs.org.uk/our-portfolio/experimental-design-assistant-eda>) to help with the design of your proposal which you can upload here. You may also use this space to upload power calculations, if applicable.

Human participants, materials and personal data in Research, Development, and Innovation

Q. Does your proposal involve human participants, as according to the WHO definition?

Q. Does your proposal involve the use of human tissue or other human material?

Q. Does your proposal involve the use of personal data?

These three questions require you to declare if your proposal involves the use of human participants, human tissue and/or other human material or personal data. The questions are all multiple-choice, and depending on your responses, you will be asked further questions providing details on the location, regulatory regime and research plan.

(For any proposals involving the human participants or human tissue)

Q. Please provide information on your plan and the timeline to acquire all relevant ethical approval and licenses.

Q. For proposals involving human participants, please explain you will protect the dignity, rights, safety and wellbeing of all participants, particularly when involving vulnerable groups.

This question assesses whether your proposed work protects the dignity, rights, safety and wellbeing of all participants, particularly when involving vulnerable groups and avoids exploitation and undue inducement of participants.

Q. For proposals involving human tissue and/or other human material, please explain how you will safeguard the collection and/or storage of human tissue/other material and comply with all relevant legislation.

This question seeks to ensure that your proposed work involves the suitable safeguarding or the collection, storage and access of human tissue in compliance with the appropriate legislation (the Human Tissue Act 2004 for England, Wales and Northern Ireland and the Human Tissue (Scotland) Act 2006 for Scotland).

Q. For proposals involving personal data, please explain how you will safeguard the collection and/or storage of personal data and comply with all relevant legislation.

This question seeks to ensure that your proposed work involves the suitable safeguarding of personal data and compliance with all relevant legislation, including UK General Data Protection Regulations (UK GDPR) for research conducted in the UK, and the duty of confidentiality and informed consent.

Export control

Q. Is any information contained within your application necessary for the development, production or use of controlled goods and therefore subject to export control rules?

Please refer to the [Government Export Control Joint Unit \(ECJU\)](https://www.gov.uk/government/organisations/export-control-joint-unit) (<https://www.gov.uk/government/organisations/export-control-joint-unit>) who administers the UK's system of export controls and licensing for military and dual-use items for further information where needed. Please note that a response of 'don't know' may mean we need to delay processing your application until such a time as we have clarified this position.

11. Use of Generative AI

Q. Have any generative artificial intelligence (AI) tools been used in the preparation of this application?

Please provide details on how generative AI tools were used in the preparation of your application. Details should be provided on the following:

- specify the generative AI tool or platform used
- describe how the tool(s) were used
- where possible include any prompts that were used and how the resulting outputs were incorporated into this application.

There is no word limit for this question.

12. Letter of support and declaration

Q. Letter of support from the host organisation

If you have already secured a UK-based host organisation, a letter of support from the host organisation must be submitted. Applicants will be prompted to upload the letter of support when “Yes” is selected.

An appropriate representative from the host organisation must provide the letter of support. This could be a pro-vice chancellor, dean, CEO, CTO or equivalent. The letter should be on headed paper, signed by the author and uploaded by the applicant as a PDF document.

The letter should address the following points as appropriate for the host organisation:

- The organisation’s commitment to supporting the fellowship. The strategic alignment with the organisation’s priorities including details of previous and planned investment and support to facilitate development in this area.
- A clear commitment to ensure the candidate is able to dedicate the majority of their working time to the Green Future Fellowship programme of work. Please note: the Green Future Fellowship should be the candidate’s primary source of employment. Candidates are eligible to hold other awards but must be able to dedicate the majority of their working time to Green Future Fellowship programme of work.
- Qualities and capabilities of the department and/or organisation hosting the applicant and how it is able to support the applicant and the proposed Green Future Fellowship programme of work.
- The organisation’s approach to commercialisation and intellectual property. Potential pathways to commercialisation for the proposed innovation and the organisation’s commitment to supporting commercialisation of the innovation i.e., support provided by the Technology Transfer Office (or equivalent/alternative support).
- Overview of the capabilities and achievements of the applicant, and why they have the appropriate qualities to lead a Green Future Fellowship.

Q. Host organisation declaration

If you have already secured a UK-based host organisation, a declaration from the host organisation must be submitted. The host organisation declaration should be completed by an appropriate individual from the host organisation. The letter must be on headed paper and should carry the signatory’s name, position, contact details, with

correct date/year, programme name (Green Future Fellowship) and the organisation's official stamp (if applicable). The declaration must be uploaded as a PDF by the applicant.

The purpose is to check that the host organisation is in principle willing to host a Green Future Fellowship, subject to contract. The letter must contain the wording provided below, as well as any further remarks the organisation wishes to make. **The submission deadline will not be extended due to an individual's unavailability.**

On behalf of the host organisation, I can confirm that I have read and accept the application guidance and other information regarding this programme, which is provided on the Royal Academy of Engineering's website, and I also confirm that:

- The indicative costs provided in this application are correct and sufficient to complete the project as envisioned.
- Any shortfall in funding discovered after the award has been made will be covered by the host organisation, potentially through other grants.
- If successful, the applicant will be given full access to the necessary facilities, equipment, personnel and funding as required for the proposed project.
- The applicant will be released from other duties as applicable to ensure they are able to dedicate the majority of their working time to the Green Future Fellowship programme of work.
- The adjusted approach regarding Revenue Sharing and Intellectual Property (IP) as outlined in the applicant guidance for the Green Future Fellowship programme has been read and understood.
- I am authorised to approve the submission of applications for funding and confirm this application has successfully any internal approval procedures.

Q. Applicant declaration

Confirmation that all information submitted is accurate. Please tick the checkbox once you have read and understood the declaration included in the application form.

A 'submit application' button will become available once the application form is completed.

Assessment of invited applications

Invited applications will be assessed by three expert reviewers who will be asked to provide comments, a score and any questions that require clarification from the applicant. Applicants will be given the opportunity to respond to the reviewer questions approximately 4 weeks after the submission of the invited application.

The Steering Group will consider the expert reviewer comments and scores along with the applicant response to the questions and confirm if the applicant should be invited to an interview.

The Academy requests that anyone involved in reviewing applications to consider them in confidence. The Academy does not contact any third parties listed in the application and all details provided are handled in confidence. When accepting a review, reviewers are required to abide by the Academy's confidentiality and conflict of interest statements below:

Confidentiality

Applications and reviews are submitted to the Academy in confidence and;

- Reviewers should not discuss or share the application with any third party, without prior approval from the Academy.
- Reviewers should not discuss the application or have any contact with the applicant.
- Reviewers should not act upon any of the information they obtain through the applications and should not engage with applicants if approached about their review.
- Reviewers should not retain any copies of application documents once their role as reviewer has been completed.
- Any hard copies of application documents, or any electronic versions of application documents saved locally, must be destroyed/ deleted upon submission of the review.
- The identity of reviewers will not be made known to applicants but may be revealed to other members of the assessment process.

Conflicts of interest

Reviewers should inform the Academy if they believe they have any conflict of interest or could be perceived by others to have a conflict of interest, which may affect their ability to provide a fair and independent review of an application. The Academy will then decide on the appropriate course of action. Conflicts include but are not limited to knowing the applicant outside of or through work, having a working relationship with their organisation, or having a commercial interest relevant to the application.

Assessment Criteria

Invited applications will be assessed against the following criteria:

Candidate's experience and wider support

- The extent to which the candidate's expertise, experience, and ambitions align with the goals of the Green Future Fellowships.
- Clear rationale for why this fellowship is the most suitable opportunity for the proposed project
- Clear consideration for how the candidate plans to manage other commitments to focus on the Green Future Fellowship programme of work.
- Articulation of the team support for the project, the suitability of the proposed host organisation (if known)

- Clear identification of key skills and expertise that the team will need to develop or acquire, as well as a plan for how to develop the team.
- Appropriate consideration for embedding diversity and inclusion in the project design.

Novelty and innovation

- Clear articulation of the project's methodology and design, including relevant technical specifications, key aims and objectives, and how they align with the goals of the Green Future Fellowship programme.
- Clear understanding of the current innovation landscape and pre-existing technologies, and how the proposed technology is better/different.
- Identification and articulation of key scientific, technical, and societal challenges, broader system implications of the proposed technology, and the significance of milestones achieved to date.
- Strategies for overcoming identified challenges, ensuring the rigour and validity of the work, and the feasibility of progressing the innovation through Technology Readiness Levels (TRL) over the next 10 years.
- Identification and mitigation of potential risks associated with innovation and commercialisation, and the robustness of strategies to ensure the successful execution and impact of the project.

Commercialisation strategy

- Clear plans for commercialisation within the duration of the award, including key milestones
- The scalability of the innovation and its potential for adoption, considering factors that may facilitate or hinder integration into current ecosystems and market readiness
- Clear identification of the customer(s) of the innovation or technology
- Appropriate consideration for any regulatory certifications or approvals required.

Intended impact

- Clear articulation of the benefits of the proposed innovation including articulation of the project's potential adaptation and or/mitigation value.
- Appropriate numerical estimations of the likely market value of the proposed technology Understanding of the intended beneficiaries and how they will benefit from the innovation.

Long-term vision and sustainability

- Clear articulation of the long-term vision to sustain and grow the impact of the innovation with an understanding of funding opportunities beyond the Fellowship.
- The potential economic benefits of the project to the UK and beyond.

Collaborations and partnerships

- Identification of current and potential collaborators and partners, their contributions to the innovation's development, and how these collaborations will continue to support the project.

Funding requested

- Clear rationale provided for the funding requested to deliver the project.

Contact details

If you have any questions about the Green Future Fellowship programme, please contact gff@raeng.org.uk.

Annex A: Green Future Fellowships Conditions of Award

These Conditions of Award set out the standard terms and conditions for Royal Academy of Engineering Research, Development and Innovation Awards. The Conditions of Award should be read in conjunction with the Letter of Offer and the [Royal Academy of Engineering Policy and Position Statements](#) applicable to Recipients, which together set out the Terms and Conditions of the Award. In accordance with paragraph 20 the Royal Academy of Engineering reserves the right to vary the Conditions of Award and Policy and Position Statements at any time and with immediate effect from the Academy providing written notice to the Recipient

The Host Organisation must ensure that the Recipient, others supported by the Award and collaborators are made aware of their responsibilities and comply with the Grant Agreement. Failure to comply with the Grant Agreement will lead to termination of the Award and, in accordance with paragraph 20 of these Conditions of Award, the Royal Academy of Engineering reserves the right to withhold grant monies or to recover grant monies in part or in full.

1. Definitions

- a. **Academy:** the Royal Academy of Engineering, a registered charity No. 293074. It is a corporate body governed by Royal Charter. The registered office is Prince Philip House, 3 Carlton House Terrace, London SW1Y 5DG.
- b. **Award:** the grant provided by the Royal Academy of Engineering as specified in the Letter of Offer.
- c. **Award Period:** the period of application of the Grant Agreement as set out in the Letter of Offer, commencing on the start date confirmed by the Host Organisation in the manner indicated by the Academy and any Funders.
- d. **Company:** where applicable, the spin-out or start-up company to be formed by the Recipient in order to fulfil the activities and objectives of the award as specified in the Letter of Offer.
- e. **Data:** includes computational or curated data, and data that are produced by an experimental or observational procedure.
- f. **Fellowship:** An Award providing a contribution to the support of a named individual and their personal research, development and/or innovation programme, as outlined in the Letter of Offer.
- g. **Funder:** the Academy's partner(s) on the scheme named in the Letter of Offer.
- h. **Financial Statement:** a document to be submitted to the Academy that sets out, (i) the actual expenditure incurred by the Recipient during the Award Period, (ii) the total amount awarded and received from the Academy in respect of the Award, and (iii) any additional information that the Academy requests from the Recipient.
- i. **Grant Activities:** the activities actually carried out by the Recipient using the Award.
- j. **Grant Agreement:** the Letter of Offer, these Conditions of Award and the Royal Academy of Engineering Policy and Position Statements and any additional appendices specified in the Letter of Offer which apply to the Award.

- k. **Host Organisation:** the university, institution, research council or other organization that has principal responsibility for administering the Award, as specified in the Letter of Offer.
- l. **Intellectual Property:** includes all inventions, discoveries, materials, technologies, products, data, algorithms, software, patents, databases, copyright and trade secret.
- m. **Letter of Offer:** the letter from the Academy and any Funders to the Recipient specifying the value and terms of the Award.
- n. **Mentor:** where applicable, the individual or individuals responsible for providing mentorship to the Recipient during the Award Period and reviewing progress against intended objectives.
- o. **No-Cost Extension:** an extension of the Award Period beyond the end of the Award Period without any additional financial cost to the Academy or increase in the value of the Award.
- p. **Partner:** where applicable, any university, institution, or other third-party body at which some or all of the Grant Activities will be carried out or which employs one or all of the Recipient(s).
- q. **Permitted Activities:** the activities which the Recipient has been permitted to use the Award for (in accordance with the Grant Agreement) as set out in the Letter of Offer.
- r. **Project:** as outlined in the Letter of Offer.
- s. **Policy and Position Statements:** a series of short and concise statements that articulate the policy and position of the Academy on a range of topics that have direct relevance to the Host Organisation, the Recipient and the Grant Activities which can be found on the [Royal Academy of Engineering's website](#) and are a component of the Grant Agreement.
- t. **Recipient:** the person or persons to whom the grant has been awarded and who has responsibility for the Grant Activities. Where there is more than one Recipient, references in these Conditions of Award to "Recipient" shall refer to all of them.
- u. **Report:** a form which reports on the activities undertaken during the Award Period that must be completed by the Recipient and submitted to the Academy or other Funders as stipulated within the Letter of Offer.
- v. **Research Misconduct:** includes the fabrication, falsification, or plagiarism in proposing, performing, or reviewing research or in reporting results, misrepresentation, mismanagement or inadequate preservation of data and/or primary materials, making up data or results and recording and reporting them, such that the research is not accurately represented in the public research record.
- w. **Subsidy Control Laws:** the law applying to the provision of subsidy including but limited to that embodied in the Subsidy Control Act 2022 and any subordinate and successor legislation.

Except where the context requires otherwise, any terms defined in these Conditions of Award shall have the same meaning in the Letter of Offer and Policy and Position Statements.

2. Value and use of the Award

- a. The Recipient and the Host Organisation agree to comply with the Grant Agreement.
- b. These Conditions of Award outline the funding arrangements between the Academy and the Recipient. The Letter of Offer sets out any specific terms relating to the Award.
- c. The value of the Award is stipulated in the Letter of Offer. All payments of the Award will be in accordance with the Grant Agreement.
- d. The Letter of Offer sets out the maximum value of the Award and the Academy will only consider requests for additional funding as defined in our Policy and Position Statements or in exceptional circumstances. Any change to the value of the Award will be at the Academy's absolute discretion.
- e. The Host Organisation will return to the Academy any amount of the Award which remains unspent at the end of the Award Period and the Academy will be entitled to recover the same as a debt.
- f. The Award must not be used to fund any activity other than the Permitted Activities and, in particular (and without limitation), the Award must not be used to:
 - i. fund any activity that is not consistent with the charitable objects of the Academy;
 - ii. fund any activity that may be political in intention, use or presentation, including any activity intended to influence or attempt to influence Parliament, government or political activity or legislative or regulatory action;
 - iii. fund any activity that may propagate a particular religion;
 - iv. fund any activity that may enable one part of government to challenge another on topics unrelated to the Grant Activities or Fellowship;
 - v. petition for additional funding
 - vi. fund any entertaining expenses specifically aimed at exerting undue influence to change government policy;
 - vii. fund any input VAT reclaimable by the Host Organisation from HMRC;
 - viii. fund interest payments or service charge payments for finance leases;
 - ix. make any gifts;
 - x. pay any statutory fines, criminal fines or penalties, civil penalties, damages or any associated legal costs;
 - xi. pay for works or activities which the Host Organisation has a statutory duty to undertake or that are fully funded from other sources;
 - xii. pay bad debts to related parties;
 - xiii. fund any payment for unfair dismissal or other compensation; and
 - xiv. fund the depreciation, amortisation or impairment of assets owned by the Host Organisation.
- i. Travel costs are deemed as expenses for transportation, accommodation, subsistence and related items incurred by individuals attending Grant Activities. The Academy shall reimburse reasonable travel costs consistent with the [Academy's Policy and Position Statements](#).
- j. The Recipient and Host Organisation must comply with the Academy's Green Future

Fellowships Revenue Sharing Policy published at the time of award or with any subsequent version of that Policy that requires less of the Recipient and Host Organisation. Failure to comply with that Policy may result in termination of the grant and any other penalties detailed within that Policy.

- k. The Award cannot be used to cover shortfalls in funding, including but not limited to use for topping up uncovered overhead costs on another grant, without obtaining prior written agreement from the Academy.

3. Employment

- a. The Academy will not become an employer of the Recipient or any other third party as a result of the provision of this Award. In all cases where support is provided by the Award for the employment of staff, the Host Organisation must issue a contract of employment which is in compliance with relevant laws and regulations.
- b. The Host Organisation must adopt the principles, standards and good practice for the management of research staff set out in the Concordat to Support the Career Development of Researchers (2019) and subsequent amendments. Research staff should be appointed on terms that are no less favourable than those of comparable posts in the Host Organisation.

4. Duty of Care and Safeguarding

- a. The Host Organisation and the Recipient shall:
 - i. take reasonable steps to prevent actual, attempted or threatened exploitation, abuse or harassment by its employees;
 - ii. take reasonable steps to ensure that individuals are enabled to report concerns and complaints of actual, attempted or threatened exploitation, abuse or harassment;
- b. The Host Organisation shall adopt and follow robust procedures for the reporting and investigation of actual, attempted or threatened exploitation, abuse or harassment by its employees, including reporting such matters to the relevant authorities.
- c. The Recipient shall comply with the Host Organisation's and its own policies and procedures in relation to preventing exploitation, abuse and harassment at all times, including reporting such matters to the Host Organisation and any relevant authorities.
- d. The Host Organisation and the Recipient shall, to the extent permitted by law, report to the Academy any complaints of actual, attempted or threatened exploitation, abuse or harassment where the complaint is relevant to the activities funded by the Award, as outlined in the [Academy's Policy and Position Statements](#).
- e. The Host Organisation and Recipient acknowledge that the Academy might be under an obligation to report to the Funder if the Academy becomes aware of any complaints of actual, attempted or threatened exploitation, abuse or harassment in relation to the Recipient or the Host Organisation, where the complaint is relevant to the activities funded by the Award. The Host Organisation will as soon as possible inform the Academy of any such matter or complaint.

5. Research Management

- a. It is the responsibility of the Host Organisation and the Recipient to ensure that the Project and associated research is organised and undertaken within a framework of best practice that recognises the various factors that may influence or impact on a research project.

- b. The Host Organisation and Recipient must ensure that where the Project or associated research is being conducted collaboratively, and particularly within interdisciplinary or international partnerships, there is a collaboration agreement in place which articulates the standards and frameworks that will apply to the work, following the principles outlined in National Protective Security Authority guidelines on Trusted Research. For any breaches of the Grant Agreement, whether by the Recipient, the Host Organisation or a Partner, the Recipient and Host Organisation will be held accountable.
- c. The Host Organisation and the Recipient must ensure that, before the Project or associated research commences and during the full Award Period, all the necessary ethical, legal and regulatory requirements in order to conduct the research are met, and all the necessary licences and approvals have been obtained.
- d. The Host Organisation and the Recipient must ensure that research involving the use of animals falls within the regulations laid down in the UK Animals (Scientific Procedures) Act 1986 and subsequent amendments. Any element of research funded by the Award that is conducted outside the UK must, as a minimum standard, be conducted in accordance with the principles and standards of UK legislation.
- e. The Academy endorses the principles and aims of the National Centre for the Replacement, Refinement and Reduction of Animals in Research (NC3Rs) which means that every effort must be made to replace the use of live animals with non-animal alternatives; to reduce the number of animals used in research; and refine procedures so that the degree of suffering for animals is kept to an absolute minimum. The Host Organisation and the Recipient must adopt the principles and aims of the NC3Rs.
- f. In the case of research involving the use of animals, the Recipient must inform the Academy of the number and species of animals that will be used in the research and inform the Academy as soon as possible of any significant increase to the number of animals used or a change in the species from that which was originally supported by the Award.
- g. The Host Organisation is responsible for ensuring that a safe working environment is provided for all individuals associated with the Grant Activities and must meet all regulatory and legislative requirements as recommended by the Health and Safety Executive and will include appropriate care where researchers are working off-site.
- h. The Host Organisation and the Recipient must ensure that the Grant Activities are carried out in accordance with all applicable ethical, legal and regulatory requirements including but not limited to relevant provisions of the UK General Data Protection Regulation, the Data Protection Act 2018, the Bribery Act 2010 and the Fraud Act 2006.
- i. The Recipient must declare to the Academy any personal, business or professional activity which conflicts or could conflict with the Permitted Activities.

6. Equality, Diversity and Inclusion

- j. The Host Organisation and Recipient will ensure that equality, diversity and inclusion is considered and supported at all stages throughout the performance of the Award, in line with the [Academy's Policy and Position Statements](#). The Host Organisation and Recipient's approach to supporting equality, diversity and inclusion will meet all relevant

legal obligations, including but not limited to those of the UK's Equality Act 2010 and the Modern Slavery Act 2015.

7. Changes to Grant Activities

- a. The Recipient or the Host Organisation must inform the Academy without delay of:
 - i. any factors that may adversely affect the Grant Activities;
 - ii. any factors that may adversely affect the reputations of the Host Organisation, Recipient and/or the Academy;
 - iii. any change to the status of the Recipient or the Host Organisation or the status of any other participant;
 - iv. any financial or other difficulties experienced which might affect the ability of the Host Organisation or the Recipient to comply with the Grant Agreement;
 - v. any significant divergence from the original aims and directions of the Permitted Activities that is being funded by the Award;
 - vi. any cessation and event or circumstance that is likely to affect the overall delivery of the Grant Activities. This includes (but is not limited to) suspicion of or actual fraud, corruption, financial impropriety, research misconduct, bullying or harassment.
- b. The Recipient may request a change to the Grant Activities or Award Period at least one month prior to the change taking effect, or in the case of changes to any personal circumstances that impact the Grant Activities, as soon as is reasonably possible, and are subject to the Academy's written approval.
- c. Requests for changes should be made in writing as specified by your Academy contact and include the reasons for the change and the resulting impact on the Grant Activities.
- d. No cost extensions must be made no later than one month before the end of the Award Period and will be permitted where they are necessary due to delays including, but not limited to;
 - i. Breaks or delays in the appointment of staff or students
 - ii. Maternity, paternity, adoption, shared parental or paid sick leave
 - iii. Extended jury service
 - iv. Changes from full-time to part-time working.
 - v. In the case of other, exceptional, circumstances, a No Cost Extension will be granted at the discretion of the Academy.
- e. The maximum No Cost Extension permitted is defined in the Letter of Offer.
- f. Changes to the Recipient are not permitted and, in the event of resignation or other termination of employment, the Award will be automatically terminated unless a transfer is agreed in accordance with (g) below.
- g. Where a Recipient moves to a new organisation, which is eligible to be a Host Organisation, the Award may be transferred to a new Host Organisation subject to prior written approval from the Academy and a written agreement between the current and new Host Organisations. The value of the award will not be revised following transfer.

8. Administration

- a. The Host Organisation must ensure that sufficient resources are provided to support the Permitted Activities. This includes adequate office and laboratory space and access to essential equipment and facilities.

- b. The Host Organisation and/or Recipient must notify the Academy as soon as reasonably possible of long-term absence. The Award will be placed in abeyance for the duration of Recipient's absence.
- c. Whilst in abeyance, no further payments will be made to the Host Organisation in respect of the Award unless specified otherwise in the Letter of Offer.
- d. Following notification of a period of absence, it is the responsibility of the Host Organisation and the Recipient to notify the Academy of the planned date for return. The Recipient and Host Organisation must confirm or notify the Academy, of the Recipient's return at least one month prior to the Recipient's planned return date.

9. Reporting

- a. The Recipient is required to submit all Reports and Financial Statements on the dates and to the specification outlined in the Letter of Offer or as otherwise specified by the Academy.
- b. The Academy may request further information from the Recipient and/or the Host Organisation at any time in relation to the Award and its expenditure, and the Recipient and/or the Host Organisation shall comply with any such requests within the timescales specified by the Academy.
- c. All Reports and Financial Statements shall be in the format required by the Academy and shall, in particular (without limitation), include a summary of the spend to date, progress on the Award and a summary of the outputs from the Award to date.
- d. If there are exceptional reasons that will prevent submission of the final Report and/or Financial Statement within the period allowed, a written request for an extension may be submitted no later than ten (10) working days before the due date.
- e. In the event that the final Report and/or Financial Statement is not submitted within six (6) months of the end of the Award Period, the Academy may, at its discretion, require repayment of all payments made under the Grant Agreement.
- f. Failure to submit a Report in accordance with the Grant Agreement shall entitle the Academy to withhold, delay or recover payments of the Award.
- g. The Recipient will not be able to apply or be considered for Academy funding while any overdue Reports or Financial Statements are outstanding.
- h. All Financial Statements must be approved by a person with appropriate delegated budgetary authority from the Host Organisation.

10. Financial Management

- a. The Academy will pay the Award in line with the agreed payment schedule in the Letter of Offer and will not pay out or arrange to defray money or for money to be defrayed to the Host Organisation in advance of need. Amendments to the schedule requested and will be considered by the Academy (acting at its absolute discretion).
- b. The Host Organisation must ensure proper financial management of the Award, including by collaborative Partners, and accountability for the use of public and charitable funds and

ensure that formal audit standards and procedures exist for maintaining appropriate anti-fraud and corruption controls in accordance with the Fraud Act (2006).

- c. Any fraud or theft associated with the Award (including double claiming i.e. claiming the same costs on multiple grants) must be notified to the Academy immediately. The Host Organisation shall provide the Academy with details of the steps being taken to investigate and shall keep the Academy informed about the progress of any such investigation.
- d. Virement is permitted only between costs which form part of the Permitted Activities with the following exceptions:
 - i. Virement into or out of the Recipient's salary is only permitted with the express written consent of the Academy.
 - ii. Virement into overhead, management or estate costs is only permitted with the express written consent of the Academy.
 - iii. Virement of funds to purchase new items of equipment with a value in excess of £25,000 is only permitted with the express written consent of the Academy.
- e. Transfers of funds between all other budget headings are permitted without seeking prior consent from the Academy.
- f. The Host Organisation and Recipient must ensure that Award funding is used in accordance with the Grant Agreement. In the event that funding is not being used in accordance with the Grant Agreement, the Academy reserves the right to withdraw further support and recover from the Host Organisation all Award payments already made.
- g. Subject to giving reasonable prior notice to the Recipient and the Host Organisation, the Academy (or such other person as the Academy may stipulate) may at any time during the Award Period and for up to seven years after the end of the Award Period, inspect the premises where the Grant Activities take place, conduct audits and request further information which it considers necessary to understand the Grant Activities. Such further information may include but is not limited to financial records and financial procedures associated with the Award. The Host Organisation and the Recipient agree to grant the Academy and any other body or individual acting on behalf of the Academy access to such sites and information.
- h. The Host Organisation and/or Recipient must retain all invoices, receipts, accounting records and any other documentation relating to the expenditure of the Award for a period of seven years from the end of the Award Period.
- i. The Academy reserves the right to ask the external auditors of the Host Organisation for a statement of account for the Award certifying whether the expenditure has been incurred in accordance with the Grant Agreement and the Host Organisation shall procure that the requested statement is provided in a timely fashion.
- j. The Academy is not obliged to make any further payments in respect of the Award once it has received the final Financial Statement. The Academy will reconcile the expenditure incurred against payments made to ensure that any agreed underspend on the Award is returned to the Academy. Any overspend must be funded by the Host Organisation.

- k. Where an Award is transferred to another eligible Host Organisation or where a Recipient resigns the Award, payments by the Academy to the Host Organisation will be paid up to the date of transfer or resignation. The Host Organisation shall provide the Academy with a Financial Statement reconciling the Award up to the date of transfer. The Academy will pay any agreed outstanding costs. Any unspent costs will be promptly returned to the Academy by the Host Organisation.
- l. The Host Organisation and the Recipient must not create any charge, legal mortgage, debenture or lien of any asset purchased using the Award without the prior written consent of the Academy.
- m. The Host Organisation and the Recipient will comply with all Subsidy Control Laws and provide such documentation, information and cooperation to the Academy as is necessary to ensure compliance.

11. Equipment

- a. Equipment purchased or substantially improved using the Award must be used primarily to support the Permitted Activities.
- b. The Host Organisation must ensure that it has in place clearly defined procedures for the procurement of equipment valued over £25,000 (including VAT), consumables and services provided by the Award, and it must comply with all relevant national legislation. The Host Organisation will observe accepted procurement best practice through consultation of professionally qualified procurement staff where appropriate, and prior to a contract being placed with a supplier.
- c. Upon request from the Academy, the Host Organisation must make available full details of the procurement decision making process for any purchase made using the Award or relating to the Grant Activities.
- d. The Host Organisation must ensure that any equipment purchased with the Award is appropriately insured and maintained throughout its useful life.
- e. The Recipient and Host Organisation must obtain the prior written approval of the Academy to purchase any equipment with a value in excess of £138,000. Where such a request for approval is made the Host Organisation and the Recipient will provide such documentation, information and cooperation to the Academy as is necessary to ensure compliance with Funder requirements and UK legislation as detailed in the Letter of Offer.
- f. The Academy may approve or prohibit (at its absolute discretion) the purchase of items referred to above, subject to such conditions as it may deem necessary.
- g. Any proposal to purchase an item of equipment or other asset using the Award within the last six (6) months of an Award will require prior written approval from the Academy. The Academy will seek assurance that the item is essential to the research.
- h. If the need for the equipment diminishes substantially or it is not used for the purpose for which it was funded, the Academy reserves the right to require the Host Organisation to dispose of the equipment and require the proceeds of any sale to be paid to the Academy (and the Recipient and the Host Organisation (or any of them) will comply with such a requirement).

- i. The Academy may require any funded equipment to be transferred to another Host Organisation during the Award Period or within one year of the end of the Award Period. In particular, in the event that the Recipient transfers to another Host Organisation in the UK during the Award Period, the Host Organisation shall (upon request by the Academy) arrange for the equipment to be transferred to the new Host Organisation at no cost to the Academy.

12. Data Protection

- a. As stipulated in the [Academy's Policy and Position Statements](#) the Academy, and where applicable any Funders, will use the information provided in the application for processing the application, making any consequential award, payment, monitoring, maintenance and review of the Award, provision of training and mentoring, and general Academy business.
- b. To meet the Academy's obligations for public accountability, details of Awards may be made available on the Academy's website and will be shared with the Academy's funders, selected partners and third-party monitoring and evaluation contractors. The data may also be made available on any Funder's website and other publicly available databases, and in reports, documents and mailing lists.
- c. During and following completion of the Award, the Academy may contact the Recipient concerning funding opportunities or events, or for the purposes of monitoring and evaluation. In some instances, the Academy may wish to authorise an affiliate person or organisation to contact the Recipient on its behalf for evaluation purposes only, and that such parties will comply with their obligations under applicable data protection legislation (including the Data Protection Act 2018, the EU Privacy and Electronic Communications Regulation and the UK General Data Protection Regulation) that arise in connection with this activity.
- d. The Host Organisation and Recipient acknowledge that the Academy may, on request from the Funder share contact details of the Host Organisation and Recipient in order to enable the Funder to carry out an evaluation of funding provided to the Academy.
- e. In the handling of data, all parties must comply with their obligations under applicable data protection legislation (including the UK Data Protection Act 2018, the EU Privacy and Electronic Communications Regulation and the UK General Data Protection Regulation) and that failure to do so and any related consequences will be the responsibility of the party that incurred the breach.

13. Data Management and Storage

- a. The Host Organisation and Recipient will give careful consideration to their approach for managing and sharing data generated through the research to ensure it will benefit the wider research community, maximises public benefit and, where appropriate, make it openly available within a reasonable timeframe with as few restrictions as possible.
- b. The Host Organisation and Recipient will ensure that generated research data is managed within the constraints of relevant legal, ethical and regulatory frameworks, including protecting the confidentiality, privacy and consent of any individuals involved with the research.

- c. The Host Organisation and Recipient will adopt best practice for data sharing, submitting generated datasets to an appropriate and openly available repository, ensuring that the data is accessible, assessable, useable and traceable.
- d. The Recipient, as a user of research data, will acknowledge the sources of their data and to abide by the terms and conditions under which they accessed the original data, ensuring that key data resources are preserved and maintained for use by the research community.

14. Publication and Publicity

- a. The findings from the Grant Activities funded by the Award are to be made freely available to the broader scientific community as soon as possible. However, the publication or release of such findings may be reasonably delayed enabling protection of any Intellectual Property. It is the responsibility of the Recipient and the Host Organisation to actively communicate the findings from the research to the public at the relevant local, national or international level.
- b. The Recipient must acknowledge the support of the Academy in reports or other published materials that arise from the Grant Activities, and other forms of media communication, including media appearances, press releases and conferences, quoting the Award reference number where appropriate.
- c. The Host Organisation and the Recipient shall comply with all reasonable requests from the Academy to facilitate visits, provide reports, statistics, photographs and case studies that the Academy might be requested to share with Funders in relation to the Award.

15. Intellectual Property and Commercial Exploitation

- a. Unless stated otherwise in the Letter of Offer, the ownership of any Intellectual Property developed using the Award and responsibility for its identification, protection, management and exploitation rests with the Recipient and Host Organisation.
- b. Where the Award is associated with more than one research organisation and/or Partner, the terms of the collaboration between the organisations, including ownership of Intellectual Property and rights to exploitation, must be set out in a formal collaboration agreement. It is the Host Organisation's responsibility to ensure such an agreement is in place as defined in the Letter of Offer and follows the principles on international research collaboration outlined by the National Protective Security Authority guidelines on Trusted Research as well as complies with Subsidy Control Laws.
- c. The Host Organisation will ensure that it and all engaged in the research make every effort to ensure that any potentially valuable results obtained in the course of the research are appropriately protected and exploited and used for public benefit.
- d. In exceptional cases, the Academy reserves the right to require the Intellectual Property developed through the Award to be promptly assigned to the Academy or a third party and arrange for its exploitation for national benefit and that of the Host Organisation and Partners involved. This will be notified in writing to the Recipient and Host Organisation.

16. Insurance and Security

- a. The Host Organisation and Recipient shall ensure that appropriate insurance is obtained for any individual employed in relation to the Grant Activities who intend to undertake

overseas travel, fieldwork, secondments or sabbaticals during the Award Period.

- b. The Recipient is expected to comply with the Host Organisation's guidelines on overseas travel and safety in fieldwork, particularly for high-risk countries. The Academy will not be held liable for the health, safety and security of the Recipient or individuals employed by the Host Organisation and funded using the Award.

17. National Security

- a. The Recipient and Host Organization shall have full regard to the National Security considerations set out in the guidance provided [National Protective Security Authority](#) on Trusted Research, the [Export Control Joint Unit](#) on the application of export controls to academic research and Universities UK on Managing Risks in Internationalisation as well as the [Academy's Policy and Position Statements](#). The Recipient and Host Organisation will treat these guidelines and the associated risks with an appropriate level of care and diligence and ensure that the Grant Activities do not prejudice compliance with the guidance.
- b. The Host Organisation will ensure that researchers and research staff are aware of and comply with the legal and regulatory frameworks relating to applied research and controlled technology, particularly export controls and the Academic Technology Approval Scheme, highlighting that they apply to applied research collaborations, and intangible items such as knowledge and Intellectual Property, as well as physical goods.
- c. The Recipient and the Host Organisation will comply with the [Academy's Policy and Position Statements](#) and shall report to the Academy as soon as possible after the Recipient or Host Organisation become, or are made aware of, national security concerns arising in relation to the Award.

18. Environmental

- a. The Recipient shall take note of the [Academy's Policy and Position Statements](#) and ensure that it minimises the environmental impact of the Grant Activities.

19. Limitation of Liability

- a. The Academy and any of its partners shall have no responsibility for costs or liabilities arising from the Grant Activities funded by the Award, other than those set out in the Grant Agreement or otherwise agreed in writing.
- b. The Host Organisation shall indemnify and hold harmless the Academy for all liabilities, costs, expenses, damages and losses suffered or incurred by the Academy arising from any breach of the Grant Agreement by the Host Organisation, the Recipient or any other person working on the Award (including employees, students, visiting fellows and subcontractors of the Host Organisation).

20. Variation, Suspension and Termination

- a. The Academy reserves the right to amend the Grant Agreement (including these Conditions of Award, related Appendices, [Policy and Position Statements](#), and any terms and conditions in the Letter of Offer) at its absolute discretion. Any change to the Conditions of Award or the [Policy and Position Statements](#) will be notified on the [Academy's website](#) and communicated to the Host Organisation and Recipient in writing.

- b. The Academy reserves the right to terminate or suspend the Award at any time, subject to reasonable notice. If an Award is terminated or reduced in value, no liability for payment of redundancy pay or any other compensatory payment for the dismissal of staff funded by the Award will be accepted by the Academy and the Host Organisation will fully indemnify the Academy in respect of any claims brought against the Academy in this regard.
- c. Without prejudice to all other rights and remedies, the Academy may at its discretion withhold or suspend payment of any Award and/or require repayment of all or part of any Award if:
 - i. the Host Organisation and/or Recipient uses any part of an Award to fund activities other than the Permitted Activities or for any purpose that is not consistent with the charitable objects of the Academy;
 - ii. the Academy is not satisfied with the content of any written Report or Financial Statement or such written Report or Financial Statement is not submitted within the timeframes required under the Grant Agreement;
 - iii. the Academy, acting reasonably, does not believe that the outputs for which the Award is provided will be met;
 - iv. the Host Organisation and/or Recipient obtains funding from a third party which, in the reasonable opinion of the Academy, is likely to bring the reputation of the Host Organisation, Recipient, the work of the Recipient or Host Organisation or the Academy into disrepute;
 - v. the Host Organisation and/or Recipient provides, or has provided, the Academy with any materially misleading, inaccurate or false information;
 - vi. the Recipient, any person working on the Award or any member of the governing body, employee or volunteer of the Host Organisation has:
 - 1. acted dishonestly or negligently at any time and directly or indirectly to the detriment of the work of the Host Organisation and/or Recipient in relation to the activities outlined in the Grant Agreement; or
 - 2. taken any actions which, in the reasonable opinion of the Academy bring or are likely to bring the name or reputation of the Academy into disrepute including through non-compliance with the Equality Act 2010;
 - vii. the Host Organisation or any of its Partners (whose involvement is essential to the successful delivery of the Grant Activities) on the Grant Activities cease to operate for any reason, or pass a resolution (or any competent jurisdiction makes an order) that it be wound up or dissolved (other than for the purpose of a bona fide and solvent restructuring or amalgamation);
 - viii. the Recipient and/or Host Organisation is found to be negligent with respect to the management of the Award or to have provided fraudulent information or declarations (including but not limited to Export Control, National Security or Subsidy Control);
 - ix. non-compliance with the Academy's Green Future Fellowships Revenue Sharing Utilisation and Sharing Policy
 - x. published at the time of award
 - xi. the Host Organisation or any of its Partners (whose involvement is essential to the successful delivery of the Grant Activities) become insolvent, or declared bankrupt, or placed into receivership, administration or liquidation, or a petition has been presented for its winding up or it enters into any arrangement or composition for the benefit of its creditors, or it is unable to pay its debts as they fall due; or
 - xii. the Host Organisation and/or Recipient fails to comply with any of the Grant Agreement.
 - 1. In the event that the Academy's funding is reduced or withdrawn by the UK Government (or other funding partners) or if the Academy should enter into

administration, the Academy reserves the right to terminate or reduce in value the Award with immediate effect with no liability for any further Fellowship or Award payments. The Host Organisation will fully indemnify the Academy in respect of any claims brought in this regard.

2. Wherever under the Grant Agreement any sum of money is recoverable from or payable by the Host Organisation or the Recipient (including any sum that the Host Organisation or Recipient is liable to pay to the Academy in respect of any breach of the Grant Agreement), the Academy may deduct that sum from any sum then due or which may later become due to the Host Organisation and/or Recipient under the Grant Agreement or under any other agreement or contract with the Academy.

21. Governing law and jurisdiction

- a. The Grant Agreement, and any non-contractual disputes and claims related to it, will be governed by the laws of England and Wales. All matters relating to the Grant Agreement will be subject to the exclusive jurisdiction of the courts of England and Wales.
- b. If any provision of the Grant Agreement is found by a court or other legitimate body to be illegal, invalid or unreasonable, it will not affect the remaining terms of the Grant Agreement which will continue in force.

Annex B: Green Future Fellowship Revenue Sharing Utilisation and Sharing

The Academy's charitable mission is to support engineering excellence for the benefit of society. Often work to support engineering excellence will be through some form of commercialisation that generates revenue for the charitable organisation (often but not always a university) that hosts the grant. We require no prior notification or consent from such organisations before commercialising intellectual property (IP) funded by the Academy.

In addition to the Royal Academy of Engineering's Terms and Conditions specified in the Letter of Offer, the following terms and conditions are specific to Recipients of our Green Future Fellowships.

The Academy intends these terms to be understood as part of an ongoing partnership between the recipient organisation and the Academy to make sure that the funds invested through the Green Future Fellowship have the maximum benefit to the public through engineering excellence applied to climate challenges. The Academy is open to requests to modify its expectations on these grounds at any point. However, requests to modify them so that the host organisation can invest financial benefits derived from Green Future Fellowships into other purposes of the host organisation are unlikely to be acceptable.

For clarity, Intellectual Property (IP) as referred to within these terms refers to IP generated through the funded Green Future Fellowships project and is not applicable to any background IP.

1. Applicable to all Green Future Fellowship Grant Recipients

- I) The Academy requires that any revenue that the recipient organisation makes from the commercialisation of IP will be used for the purpose of supporting engineering excellence for the benefit of society. This will include all the engineering and technology education and research activities of a typical university, and any activities taken to increase the benefit to society of such activities, including but not limited to widening access, dissemination of research findings, public engagement.
- II) The Academy will not, as standard, audit this requirement and does not expect organisations

to monitor it except in the most general terms.

- III) The Academy retains the right to notify a recipient organisation that they must henceforward provide the Academy with a record of any income being received from Academy-funded IP and how it is being used. This is at the Academy's discretion and will typically happen if an organisation that has previously successfully commercialised Academy-funded IP closes its engineering and technology activity.
- IV) For serious breaches of the terms outlined in this Appendix, the Academy may make the recipient organisation ineligible for future research funding from the Academy. The Academy will also highlight to governance groups of the recipient organisations the breach of grant terms by the recipient organisation and potential resultant misuse of charitable funds.

2. Applicable only to those Green Future Fellowship Grant Recipients where the Academy is funding the project in full (i.e. at 100% of full economic costs)

- I) The Academy places an additional requirement of revenue sharing on Recipients whose project is being funded in full. This applies to the cumulative net income for the organisation resulting from the IP, once costs of exploitation and any revenues due to individual inventors are deducted. Only net income that the organisation can potentially freely use is considered – any income bearing any other sort of restriction is excluded.
- II) This revenue sharing requirement applies only where the cumulative net income defined for any single award in this way exceeds £3 million.
- III) The recipient organisation is required to share 50% of any cumulative net income above £3 million with the Academy, so that the Academy can reinvest it through the Green Future Fellowships Fund.
- IV) Once the cumulative net income from an award exceeds £3 million, then the recipient organisation should provide at the end of each financial year (on the grant recipients reckoning) a statement of the income received and submit it to the Academy within three months.
- V) The recipient organisation can apply with the submission of this statement to retain revenue that it would otherwise be required to share with the Academy by showing how it is planning to use it for furthering the purposes of the Green Future Fellowships Fund or that a requirement to share it with the Academy will somehow restrict the public benefit of the IP. The Academy will review such applications within three months and notify the organisation whether any revenue sharing is required from the previous year.
- VI) A recipient organisation may apply to the Academy to be freed from any requirement for revenue sharing on the grounds that the requirement for revenue sharing is in some way preventing the realisation of benefit to society of the IP. Such permission can be sought at any point before the cumulative net income exceeds £3 million. No actions presuming the withdrawing of the requirement for revenue sharing should be taken before notification of removal of the requirement is received in writing from the Academy.
- VII) In the event that any tax, charge, levy or duty from government becomes applicable to either revenue shared or retained at the discretion of the Academy, it shall solely be the responsibility of the recipient organisation to meet it and the Academy will reduce its expectations of revenue or public benefit accordingly.

Annex C: engineering category

Civil, construction and environmental

Including aspects of civil and structural engineering; construction materials; earthquakes; wind and fire engineering; building engineering physics; construction management; numerical modelling; environmental engineering; water resources and flooding; offshore and coastal engineering; hydraulics; climate change and sustainability; waste management; geotechnical engineering; geomatics/surveying.

Materials and mining

Including metallurgy; metal forming; corrosion; failure analysis; structural integrity; non-destructive testing; inspection technologies; failure prevention; fabrication and repair technologies; welding and joining technologies; discovery and development of mineral resources; extraction and processing of minerals; mining engineering; materials performance; materials research; plastics and composites; structural materials (excluding materials specifically covered elsewhere).

Chemical and process

Including all aspects of chemical and process engineering; aspects of fuel technology; oil; coal and gas technologies; carbon; carbon sequestration; clean technology; combustion; catalysis; particulates; food processing; fermentation processes; pharmaceutical engineering; biotechnological processes.

Aerospace

Including all aspects of aeronautical engineering and aerospace manufacturing; turbomachinery and aerothermal engineering; avionics; radar systems; antennae; satellite systems; autonomous systems; aspects of systems engineering; airlines; materials for aerospace.

Transport and mechanical

Including all aspects of mechanical engineering; automotive; rail and marine engineering; transportation infrastructure; engines; turbomachinery; mechatronics; acoustics and vibrations; ultra-sonics; heat and thermodynamics; fluid dynamics.

Manufacturing and design

Including manufacturing management and manufacturing process innovation; manufacturing business improvement and re-engineering; CAD/CAM; robotics for manufacturing; engineering design.

Electrical and electronic

Including electrical, electronic and control engineering; design for electronics; aspects of nanotechnology and semiconductor engineering; lasers; optoelectronics; photonics; microwave engineering; instrumentation; display technology; solid state electronics.

Energy and power

Including energy technologies; electric power and energy systems engineering; nuclear and renewable energy generation; energy infrastructure; management of energy and energy resources for generation, storage, and transmission; distribution and conversion of electric energy and power; electricity supply and energy conservation; hydrogen power; fuel cells.

Medical and bioengineering

Including all aspects of medical and biomedical engineering; orthotics; prosthetics; ultrasound for medicine; medical scanning and imaging; drug delivery; biomedical materials; tissue engineering; medical devices; medical robotics and computer assisted surgery.

Computing and communications

Including computational and software engineering; informatics; web and data science; telecommunications; mobile telephony; broadband; wireless spectrum; signal processing; television, film, and broadcasting; computer and video games; special effects.

Annex D: relevant grant policies

Sustainability assessment

The Academy [acknowledges its responsibility](https://raeng.org.uk/media/vdnl2cm4/environmental-sustainability-policy.pdf) (https://raeng.org.uk/media/vdnl2cm4/environmental-sustainability-policy.pdf) to minimise the impact of its activities on the environment as an intrinsic part of its ambition to harness the power of engineering to build a sustainable society. As part of that commitment, we are requiring all Green Future Fellowship host organisations and collaborators to provide information on their carbon emissions commitments.

Applicant's and collaborators shortlisted to submit an invited application will be reviewed against the Academy's sustainability framework which requires host organisations and collaborators to have carbon emissions plans that include meaningful and public targets for emissions reduction across scopes 1 and 2 and regular reporting on progress.

Declaration on Research Assessment

The Academy's research programmes are aligned with the principles of the Declaration on Research Assessment (DORA), which is a set of principles aiming to improve the ways in which the output of research is evaluated by funding agencies, academic institutions, and other parties. The outputs from research are many and varied, and as a funder of engineering research the Academy needs to assess the quality and impact of these outputs in order to make awards - it is thus imperative that research output is measured accurately and evaluated wisely.

For applicants and reviewers we would like to emphasise that all outputs are welcome and considered valuable to the Academy. Outputs can include open data sets, software, publications, commercial, entrepreneurial or industrial products, clinical practice developments, educational products, policy publications, evidence synthesis pieces and conference publications that you have generated.

With regard to research articles published in peer-reviewed journals, we ask applicants to use a range of article metrics and indicators on personal/supporting statements as evidence of the impact of individual published articles and other research outputs. The Journal Impact Factor in particular is unacceptable for inclusion in any part of an application, and applicants may be asked to resubmit if anything is found to contradict this as part of the eligibility checks.

Human participants, materials and personal data in Research, Development, and Innovation

Research, development and innovation involving human participants, human material or personal data can contribute to a better understanding of human health and disease as well as the technological efficacy of new and evolving innovations. The Academy will fund research, development and innovation involving the use of human participants, human material or personal data which complies with our [Humans in RD&I Policy](https://raeng.org.uk/media/4qmhhqf4/human-participants-in-research-development-and-innovation-policy.pdf) (https://raeng.org.uk/media/4qmhhqf4/human-participants-in-research-development-and-innovation-policy.pdf). If your proposal includes the use of human participants, human materials or personal data you will be asked to provide details of your work at the invited application stage.

Please note: applicable regulatory approval and licenses are not required to be in place at point of application, but all necessary approvals must be in place before the work begins and a clear plan to achieve this at the invited application stage.

Animals in research, development and innovation

The Academy acknowledges that, at present, the use of animals remains the only way for some areas of research to progress. Research involving animals is regulated by comprehensive and strict legislation in the UK and must be conducted with a high regard for animal welfare. The Academy will fund research involving the use of animals in the UK which complies with our [Animals in RD&I Policy](https://raeng.org.uk/media/ctelvlvi/animals-in-research-innovation-and-development-policy.pdf) (https://raeng.org.uk/media/ctelvlvi/animals-in-research-innovation-and-development-policy.pdf). If your proposal includes the use of animals, you will be asked to declare this at the initial application stage and provide further details at the invited application stage.

If your proposal involves the use of animals and takes place outside of the UK, the Academy will generally not fund this work. Please contact the Academy before proceeding with your application.

Please note: applicable regulatory approval and licenses are not required to be in place at point of application, but all necessary approvals must be in place before the work begins.

Subsidy control

The UK subsidy control regime began on 4 January 2023. As part of this regime, the Academy is required to report to the UK Government on how award funding is being used when applications collaborating with commercial enterprises are awarded. The regime determines the lawfulness of monetary awards made using public sector resources when given to businesses and other organisations that are engaged in economic activity.

Export Control

The UK [Government's Export Control Joint Unit \(ECJU\)](https://www.gov.uk/government/organisations/export-control-joint-unit) (https://www.gov.uk/government/organisations/export-control-joint-unit) administers the UK's system of [export controls and licensing](https://www.gov.uk/guidance/uk-export-controls-and-licensing) (https://www.gov.uk/guidance/uk-

strategic-export-controls) for military and dual-use items. The Export Control Act 2002 and its related legislation establishes the strategic export controls of military and dual-use goods and technologies. The Academy is required to consider [export controls](https://www.gov.uk/guidance/export-controls-applying-to-academic-research) (https://www.gov.uk/guidance/export-controls-applying-to-academic-research) when assessing and reviewing relevant applications and we therefore need to know whether the information contained within your application is subject to such laws.

As part of our review process your submitted application will be sent out for review by independent reviewers and/or members of our review panel(s). Please be aware of this when considering the information you include within your application. We particularly want to flag considerations with respect to your/others Intellectual Property and research that is subject to [UK Strategic Export Control Laws](https://www.gov.uk/guidance/uk-strategic-export-controls) (https://www.gov.uk/guidance/uk-strategic-export-controls). Should you flag that the content of your application is subject to Export Control we will manage the review of your application accordingly.