**NATEP Application Form**

Projects will be judged against the following criteria, by awarding scores for each of the questions on the outline proposal form.

Project review by Project Review Panels (PRPs) made up of Industry representatives will support projects to prepare for online applications into the Innovate UK (IUK) online IFS application system.

**NATEP Project Criteria**

* To lead you must be an SME
* Applications must be collaborative
* Applications must be Industrial Research
* Project must have an application, or potential application, within civil aerospace.
* Development of technologies should be in line with Aerospace Technology Institute Technology Strategy or an explanation provided of why if not.
* You can collaborate with academic organisation, charity, public sector organisation or research and technology organisation (RTO)
* Any SME can lead on one application and collaborate in a further 2 applications. If a business is not leading an application, they can collaborate in up to 3 applications.
* For all projects, no one project partner can claim more than 70% of the total eligible project costs
* The [research organisations](https://www.gov.uk/guidance/innovate-uk-funding-general-guidance-for-applicants) in your consortium can share up to 30% of the total eligible project costs. If your consortium contains more than one research organisation, this maximum will be shared between them.
* Submissions must demonstrate a clear route to market and preferably have an end user identified
* Projects can last from 12 months up to a maximum of 18 months
* Maximum project size is £300,000
* Projects must plan to carry out project work in the UK
* Projects must intend to exploit the results from or in the UK
* The lead and at least one other organisation must claim funding.
* The project can include partners that do not receive any of this competition’s funding, for example non-UK businesses or an end user. Their costs will not count towards the total eligible project costs.
* Any UK business claiming funding must be eligible to receive state aid at the time we confirm you will be awarded funding
* Innovate UK is unable to award grant funding to organisations meeting the condition known as undertakings in difficulty
* The grant rate claimed must remain the same for the life of the project

A Collaboration Agreement covering Intellectual Property Rights issues will need to be agreed by all project partners (template available).

**What we ask you**

The application is split into 2 sections:

1. Project details
2. Application questions

\*We recommend that you read through the application form thoroughly before completing to avoid repeating information in several sections.

**A. Project details**

**Application details**

The title of your project, the proposed start date and project length. (max 18 months)

**Project summary**

Describe your project and what is innovative about it.

(400 Words Max)

**Public description**

Please provide a short paragraph (typically 30 words) giving an overview of the project which may be used in the public domain to promote NATEP and/or provide feedback to the funding body.

**Project scope**

How does this application align with the specific Aerospace Technology Institute Technology Strategy? Please note that your technology should aim to demonstrate some alignment to prioritised areas where possible. Please contact the ATI directly if further guidance is required at [info@ati.org.uk](mailto:info@ati.org.uk) and include NATEP Application in your subject title.

Please define which ATI Technology Value streams and enablers your technology is specifically aligned to.

N.B. Development of technologies should be in line with Aerospace Technology Institute Technology Strategy or an explanation provided of why if not

(400 Words Max)

Please define which ATI Technology ‘Priority Areas’ and ‘Enablers’ your technology is specifically aligned to.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ATI Priority Areas addressed  (mark ‘x’ as appropriate) | Vehicles |  | Propulsion & Power |  |
| Aerostructures |  | Systems |  |
| ATI Enablers addressed (mark ‘x’ as appropriate) | Aerodynamics |  | Materials |  |
| Manufacturing |  | Process & Tools |  |
| Technology Infrastructure |  |  | |

**B. Application questions**

In this section, answers to these questions are scored by the assessors. Following assessment, you will receive feedback from the assessors for each question.

**Question 1: Business Opportunity (400 words max)**

What is the business opportunity that your project addresses?

Describe:

* The business opportunity and how you plan to take advantage of it
* How it is done today and the limits of the current practice
* The customer needs that have been identified and how the project will meet them
* The challenges you expect to face and how you will overcome them
* Where possible, quantify the problems and project outputs that you will be targeting

(400 Words Max)

**Question 2: Market (400 Words Max)**

What is the size of the potential market for your project?

Describe:

* The details of the target market, including the size, margins, market leaders, key competitors, price competition and barriers to entry
* The expected share of market, such as wide body, narrow body or services
* The growth opportunity your project will create, including the projected market share it will make possible
* The specific target product, platform and service applications underpinning the market opportunity, and when you expect them to come into service
* The return on investment that the project could achieve, providing relevant source data references
* The existing or future customer relationships that would benefit from this project

(400 Words Max)

**Question 3: Results (400 Words Max)**

How will you exploit and disseminate your project results? What is your route to market?

Address and describe your:

* Expected project outputs, including products, services, processes and capabilities
* Consortium exploitation plan, including route to market, intellectual property, changes to business models or processes, research and development (R&D), and manufacturing services
* End user/customer agreement
* Consortium spill over or dissemination plan, demonstrating how your activities will contribute to the wider aerospace industry and other sectors

(400 Words Max)

**Question 4: Benefits (Max 400 words)**

What economic, social and environmental benefits do you expect your project to deliver, and when?

Describe all the benefits you expect your project to generate, both inside and outside the consortium

**Project Expenditure:**

Describe the R&D, capital and training expenditure which you expect to be made as a result of this project. What do you expect the expenditure to be made on?

**Jobs Impacts:**

How many jobs do you expect the project partners to safeguard or create as a direct result of this project? Which jobs will be safeguarded? Explain why the project is needed to safeguard or create these jobs.

Where relevant you can also describe any expected training or jobs safeguarded or created as an indirect result of this project

**Other Impacts:**

Describe any other impacts that would not happen without your project. For example, effects on greenhouse gas, noise, air quality and so on.

(400 Words Max)

**Question 5: Technical Approach (Max 400 Words)**

What technical approach will you use and how will you manage your project?

Describe the areas of work and your objectives. List all resource and management needs. Provide an overview of the technical approach:

You must:

* Describe the technical approach, including the main objectives of the work
* Explain how and why the approach is appropriate
* Tell us how you will make sure the innovative steps in the project are achievable
* Describe rival technologies and alternative R&D strategies
* Explain how you will measure your success

(400 Words Max)

**Question 6. Innovation (400 Words Max)**

What is innovative about your project?

Tell us:

* How it will push boundaries beyond current leading-edge science and technology
* How it will apply existing technologies in new areas
* What competitors are doing, and how they are trying to achieve the same outputs
* How and why any IP from the project will be free from restriction and readily exploited
* How the research is new in an industrial and/or academic context

Give evidence in support of any statements or claims.

You can detail the level of innovation though patent search results, competitor analyses or literature surveys. If relevant, you should also outline your own intellectual property rights.

(400 Words Max)

**Question 7: Risks**

What are the risks (technical, commercial and environmental) to your project’s success? What is your risk management strategy?

Identify or give:

* The main risks and uncertainties in the project
* A detailed risk analysis and mitigation steps taken or planned for each risk
* The new level of risk with mitigation in place
* The project management resources required to minimize operational risk

(400 Words Max)

**Question 8: Team and Facilities (Max 400 words)**

Does your project team have the right skills, experience and facilities to deliver this project?

Demonstrate that the project team:

* Has the right mix of skills and experience to complete the project
* Has a track record in managing research and development projects
* Has clear objectives and roles or responsibilities
* Describe the benefits of your collaboration. What advantages does being part of a consortium offer the project?

(400 Words Max)

Who will lead the project?

|  |  |
| --- | --- |
| Company |  |
| Company Registration No |  |
| Address |  |
| Project Leader’s Name |  |
| Position |  |
| Tel. |  |
| e-mail |  |

Partnership/Consortium Contact Details

Route to Exploitation (End User)

|  |  |
| --- | --- |
| Company |  |
| Address |  |
| Contact Name |  |
| Position |  |
| Tel. |  |
| e-mail |  |

Partner 1

|  |  |
| --- | --- |
| Company |  |
| Company Registration No. |  |
| Address |  |
| Project Leader’s Name |  |
| Position |  |
| Tel. |  |
| e-mail |  |

Partner 2

|  |  |
| --- | --- |
| Company |  |
| Company Registration No. |  |
| Address |  |
| Project Leader’s Name |  |
| Position |  |
| Tel. |  |
| e-mail |  |

Partner 3

|  |  |
| --- | --- |
| Company |  |
| Company Registration No. |  |
| Address |  |
| Project Leader’s Name |  |
| Position |  |
| Tel. |  |
| e-mail |  |

If there are more partners, please add extra tables

If any Catapult Centres, Universities or other academic establishments are involved as subcontractors, please indicate below

**Question 9: Costs (Max 400 words)**

What will your project cost?

Give, along with supporting evidence:

* The total project costs and level of grant funding you are requesting
* Justification for large project expenditure, and any significant costs such as subcontractors
* Reassurance that the budget is realistic for the scale and complexity of the project
* A statement that funding is within limits set by this competition
* A list of any other sources of funding outside of the programme, and explain why they are needed
* A realistic budget breakdown, including a funding profile and timeline
* A description, justification and costing of individual work packages

(400 Words Max)

**Question 10: Added Value to the UK (Max 400 Words)**

* How does financial support from NATEP add value to the UK?

Address both of the following:

Why do you need this much funding? Explain what other sources of funding have been considered, including private investment, and why it is not available. Your supporting evidence could include, but is not limited to: business cases, internal rate or return analysis, or other financial comparisons of the scenarios with funding and without funding.

What will happen to the project in the absence of funding? Describe and provide evidence for what will occur if the application for funding is not successful, in particular, whether:

* Some, or all, of the project would be likely to be carried out overseas, listing overseas sites able to carry out the work, explaining the implications for cost, quality and timescales, and outlining any likely support from overseas governments.
* The project investment and benefits will be scaled back in the UK, explaining where applicable the impact a delay or a change of scope would have on starting the project

(400 Words Max)