



Innovate  
UK

# Quantum CR&D Demonstrators for Position, Navigation and Timing

Applicant briefing

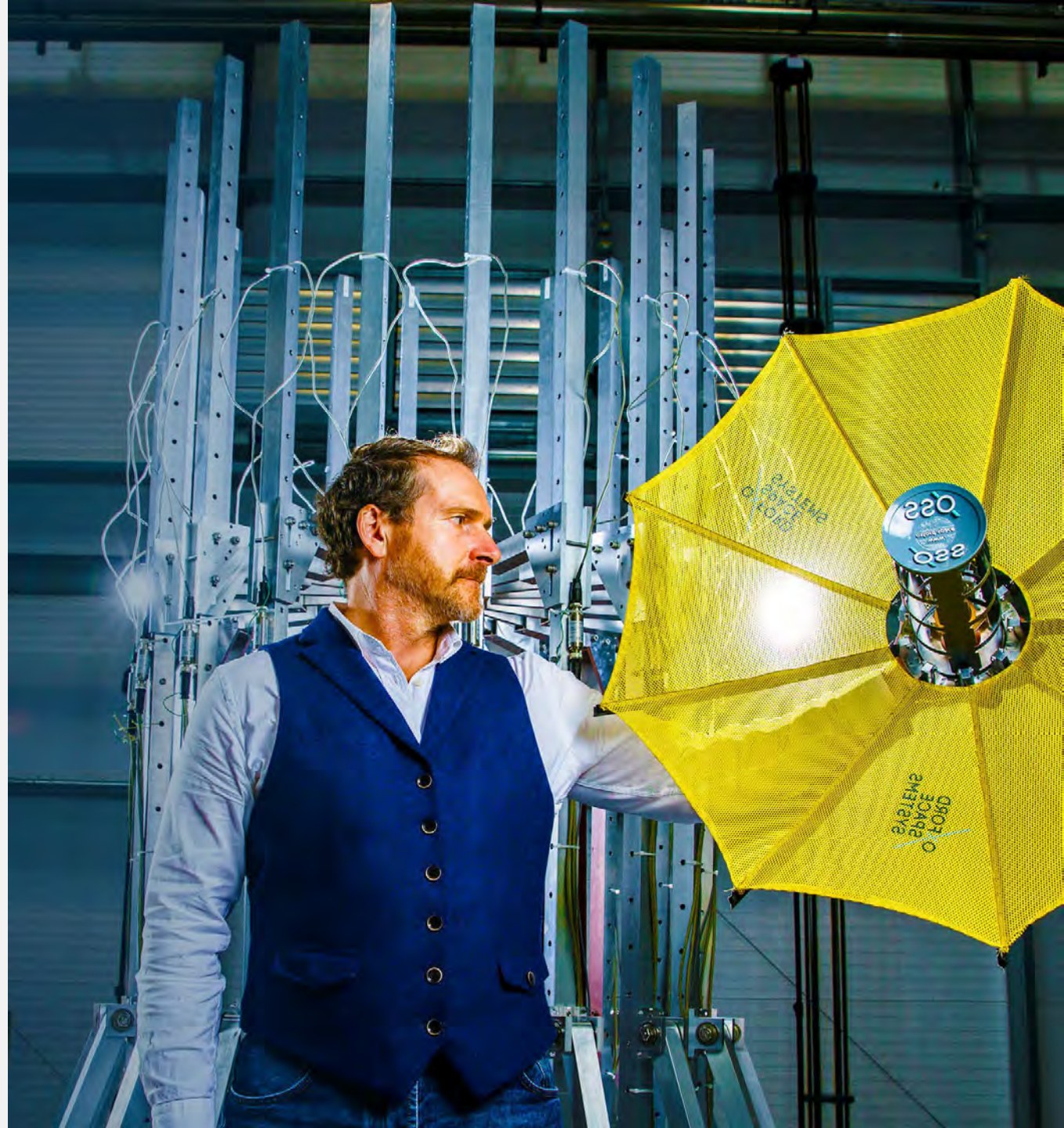
Date: 6th September 2024

**The webinar will start at 11:00.**

- We are currently on mute, whilst waiting for more people to join
- We will conduct a sound check before the briefing starts
- Please ensure that you are dialled in, either by computer or phone, so that you can hear the briefing.
- If you have any audio issues, please dial in from a fixed line.
- The briefing will be recorded and available for you

# Agenda

- **Welcome and introductions**
- **Part 1**  
Scope, eligibility criteria
- **Part 2**  
The Innovation Funding Service, application finances, academic partners
- **Part 3**  
Submitting your application, assessment, project setup for successful applicants and additional support



# Welcome and Introductions

James Rayner -

Competition Manager, Competitions Team

Martin Walkinshaw -

Innovation Lead, Quantum  
Technologies Team



# Introduction to Innovate UK and UKRI



# UK Research and Innovation

We work with the government to invest over £7 billion a year in research and innovation by partnering with academia and industry to make the impossible, possible. Through the UK's nine leading academic and industrial funding councils, we create **knowledge with impact.**



**UK Research  
and Innovation**

# Innovate UK

- We are the UK's innovation agency
- We support business-led innovation in all sectors, technologies and UK regions
- A key delivery body of the Government's Innovation Strategy

## Our Mission

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.



Innovate  
UK



# UK ranks 4th in Global Innovation Index



- Innovation accounts for up to 50% of labour productivity growth
- Firms that persistently invest in R&D have higher productivity
- Innovating companies are more likely to export and generate growth

# Pros & Cons of using AI to support you

*With the advances in AI technology it is only natural to use technology to support you in applying to our competitions. Whilst we don't recommend or advise against it we would like to make you aware of the following which could potentially impact your project.*

## Pros

- Removes barriers for people with disabilities and non-English speakers
- Allows you to rephrase your content to meet the word count in a question
- Ensures all aspects of a question are answered
- Can aid a better understanding of:
  - intended/wider market
  - best practice in project management
  - complementary technologies and advances in the industry
  - expected project impacts

## Cons

- It is not always correct in its assumptions and can get things wrong
- AI learns from the information you give it as well as what it has already learnt
- May provide a generic response meaning your application could use similar phrasing to others
- AI can be detected as non-human as it lacks expression and insight because it relies on logic to summarise information based on the question asked



# Scope



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# Quantum CR&D Demonstrators for Position, Navigation and Timing: Context

The competition is motivated by two UK strategic initiatives:

- UKRI Strategic Theme – Building a Secure and Resilient World
- DSIT 10 Year National Quantum Strategy

# Building A Secure and Resilient World: UKRI vision

Acute and Chronic Shock  
Rapidly changing threats

*Research and Innovation positioned to address the impact of repeated systemic shocks from the financial crisis to pandemic to climate emergency to conventional armed conflicts; helping improve anticipation of, preparedness to, management of and recovery from a crisis through systemic approach that is human-centred.*

Requires  
Preparedness, a  
Robust  
Response via  
Good Decision  
Making



To Recover  
Quickly



Creating a  
Robust  
Environment



To support  
sustainable  
growth



# Quantum Demonstrators for Position, Navigation and Timing (PNT)

Through the five-year strategy Transforming Tomorrow Together 2022 to 2027, UKRI aims to harness the full power of the UK's research and innovation system to tackle large-scale, complex challenges. To do this, they have identified five strategic themes to enable working across disciplines and leveraging new and existing investment and activity. Building a Secure and Resilient World is one of the themes.

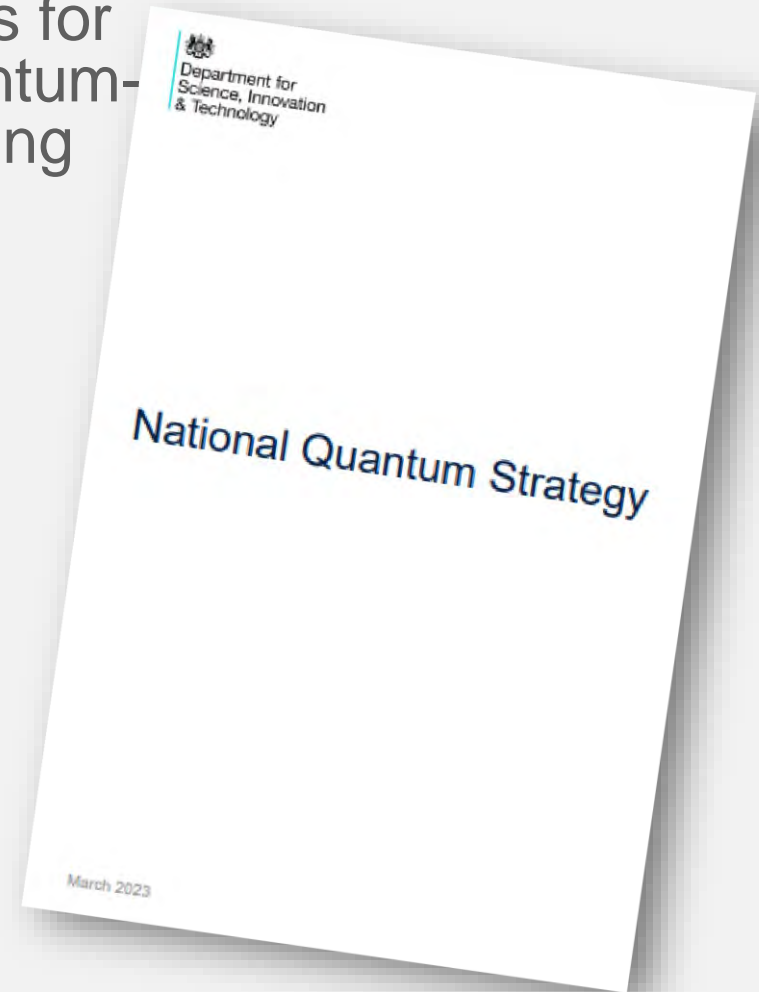
The aim is to:

- strengthen social and economic resilience
- enhance national security across virtual and physical spaces
- ensure the UK can absorb adversity, deal with change, and respond to emerging threats and opportunities

Within the sub-theme of Technologies for Resilient Security and Defence, the framework for Greater Position, Navigation, and Timing Resilience aims to support critical sectors such as finance, defence, transportation, telecommunications, and the emergency services, by ensuring they can safely rely on PNT information to run services without interruption and serve the public.

# The £2.5B Ten Year UK National Quantum Strategy

- Building on UK's strengths in quantum research, talent, companies and supply chain.
- A 10-year vision and actions for the UK to be a leading quantum-enabled economy, recognising the importance of quantum technologies for the UK's prosperity and security.



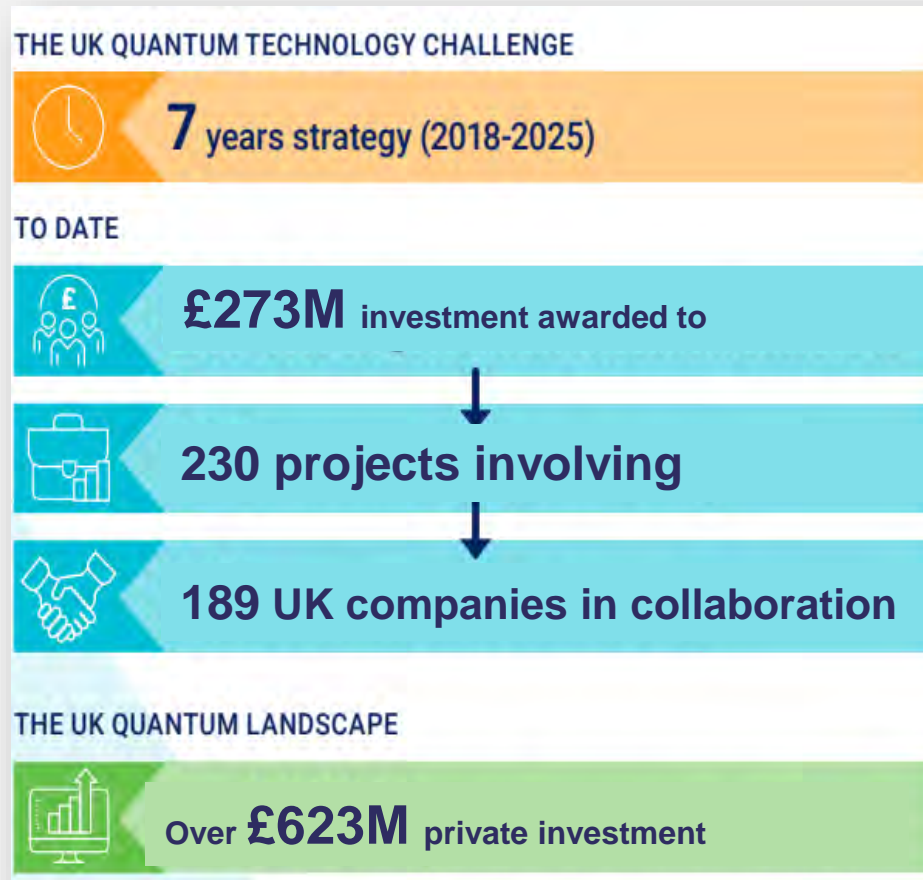
## PNT Discussion within the National Quantum Strategy

"Quantum clocks and communication could help us develop new navigation and timing capabilities without the need for a satellite link, providing even greater resilience for railways, telecommunications and emergency services - as well as helping to secure the global communications network against cybercrime. Quantum communications could account for an estimated \$8 billion in revenue by 2030."

"Accelerate quantum technologies for resilient capabilities in Position Navigation & Timing (PNT), leading to the demonstration of mature proof-of-principle prototypes by 2025 in environments where traditional satellites cannot reach, creating resilience in military and civil contexts."

# Success so far: the UKRI Quantum Challenge

- UK is growing a vibrant industrial QT ecosystem
  - Addresses economic and societal challenges
- UKRI Quantum Challenge programme is committed and in the delivery phase



## Aims of this competition Quantum Demonstrators for Position, Navigation and Timing (PNT)

To accelerate the commercialisation of position, navigation and timing measurement products relying on quantum technologies.

Projects funded by the competition must:

1. demonstrate innovative solutions, **using second generation quantum technologies** to solve end user problems in the **measurement of position, navigation, and time**, for example, supporting navigation in satellite denied environments, or where high levels of integrity are required, creating resilience in all contexts.
2. demonstrate these technologies in an **environment representative of the intended use**.



# Technical scope

## Quantum 2.0

‘Second generation quantum technologies are defined as those involving the generation and coherent control of quantum states, resulting in phenomena such as superposition or entanglement. We consider technologies involving single photon generation and detection to be in scope.’

# Technical scope

Your project must:

- exploit the capabilities of second-generation quantum technologies
- plan to demonstrate a **Position Navigation and Timing (PNT) system that is quantum-based in an end-user relevant environment**
- involve a **project partner that is a customer or procurer of the system**
- be capable of being readily integrated into systems serving specific application areas, for example, underwater, underground, aviation, power distribution, or financial markets
- deliver an innovative, competitive technical solution
- show realistic plans for future commercialisation
- show the potential for manufacturing at scale

We recognise that **in timing measurement only**, which may be deployed in a financial institution building, **a laboratory can represent a relevant environment.**

We consider technologies involving single photon generation and detection to be in scope.

# Projects we will not fund

We are not funding projects that:

- do not exploit the generation and coherent control of quantum states resulting in superposition or entanglement
- do not involve a project partner that is a customer or procurer of the system

We cannot fund projects that are:

- dependent on export performance, for example, giving a subsidy to a baker on the condition that it exports a certain quantity of bread to another country
- dependent on domestic inputs usage, for example, giving a subsidy to a baker on the condition that it uses 50% UK flour in their product

# Quantum Challenge Portfolio

- We do reserve the right to take a **portfolio approach**, to achieve a balance for quantum technology challenge funding - across a variety of technologies, markets, and technological maturities
- Projects that build on a previous or current UKRI award must be clear how a new endeavour will lead to distinct outputs & outcomes



We've published our Challenge Directory  
[ukri.org/quantum-tech](https://ukri.org/quantum-tech)

# Scope Q&A



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# Eligibility criteria



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UK



# Previously submitted applications

This competition does allow you to submit a previously submitted application.

Previously submitted application	Not a Previously submitted application
<p>A previously submitted application is an application Innovate UK judges as <u>not</u> materially different from one you have submitted before (but it can be updated based on the assessors' feedback)</p>	<p>A brand-new application, project or idea that you have not previously submitted into an Innovate UK competition</p> <p>OR</p> <p>A previously submitted or ineligible application which:</p> <ul style="list-style-type: none"><li>• has been updated based on assessor feedback</li><li>• <u>and</u> is materially different from the application submitted before</li><li>• <u>and</u> fits with the scope of this competition</li></ul>

# Eligibility criteria

\*If you are successful, you will be expected to start between these dates. Failure to comply may result in funding being withdrawn.

<b>Project eligibility</b>	<ul style="list-style-type: none"><li>• Must be lead by an organisation that:<ul style="list-style-type: none"><li>• is a UK registered business of any size, or</li><li>• is a UK registered academic institution, or</li><li>• is a UK registered research and technology organisation (RTO) , or</li><li>• is a UK registered charity, or</li><li>• is a UK registered not for profit, or</li><li>• is a UK registered public sector organisation, or</li><li>• collaborates with other UK registered organisations</li></ul></li><li>• must be collaborative</li><li>• involve at least one UK SME</li><li>• must carry out your project in the UK</li><li>• Intend to exploit the results from or in the UK</li></ul>
<b>Total grant</b>	between £100,000 and £500,000
<b>Project length</b>	between 12 and 24 months
<b>Project must start between*</b>	between the 1st April 2025 and 1st July 2025
<b>Projects must end by</b>	30th June 2027



# Compliance with the UK Subsidy Control Regime

On 4<sup>th</sup> January 2023, the [Subsidy Control Act 2022](#) came into effect.

This provides a framework for public authorities to design and award subsidies in a compliant way, whilst minimising any negative effects of subsidies both within the UK and Internationally.

Innovate UK offers funding in line with the UK's obligations and commitments to Subsidy Control. To ensure that Innovate UK remains compliant with the UK's international Subsidy Control duties in respect of:

- the EU-UK Trade and Cooperation Agreement;
- the subsidy control act 2022
- Article 10 of the Windsor Framework (successful applicants which are affected by the Windsor Framework will be funded in line with EU State aid regulations)
- Article 138 of the Withdrawal Agreement (some Union law applicable after 31 December 2020 in relation to the UK's participation in Union programmes and activities)
- the Subsidies and Countervailing measures within the WTO (ASCM)
- any other Free Trade Agreements active at the time of award

All awards will be conditional on compliance at all times with the UK's international obligations on Subsidy Control - this will be reflected in the terms and conditions of any award.

# Due diligence

Under the Subsidy Control regime, we will carry out financial health checks and ongoing concern assurances on your organisation.

## Certify you are eligible

When submitting an application, you must certify that you are eligible for funding. If you are unsure, please take independent legal advice before applying. Should you be successful, we will complete these financial checks and assurances before confirming the grant offer.

- For more information on company sizes, please refer to the [Company accounts guidance](#).
- Further information is available on our website in the general guidance.

# Eligibility Criteria - EU State Aid Regulations – The Windsor Framework

If you are an applicant who is conducting activities that will affect trade of goods and/or electricity between Northern Ireland and the EU, as envisaged by [Article 10 of the Windsor Framework](#), then you must apply under European Commission State aid rules.

## Undertaking in Difficulty

For applicants subject to the European Commission State aid rules, you will be required to prove that they were not an “Undertaking in Difficulty” (UiD). We will ask for evidence of this.

This test applies to:

- companies that are more than 3 years old
- companies where more than half of its subscribed share capital has disappeared as a result of accumulated losses.
- your parent or holding company

## Certify you are eligible

When submitting an application, you must certify that you are eligible for State aid. If you are unsure, please take legal advice before applying. Should you be successful, we will apply this test as part of our viability checks before confirming the grant offer.

Further information is available on our website in the [general guidance under state aid](#).

If you are applying for an award funded under State aid Regulations, the definitions for company size are set out in the [European Commission Recommendation](#) of 6 May 2003.

# Research, Development and Innovation Streamlined Subsidy Scheme

- Designed by Government to award subsidies to enterprises if they met defined criteria contained within the [Scheme](#)
- 2 categories available please check the competition you are applying for applicable categories
  - Feasibility Studies
  - Industrial Research and Experimental Development
- When submitting an application as part of our due diligence you will be asked to declare any previous awards made in the 'applicable period' to ensure limits are not breached.
  - The applicable period is made up of:
    - (a) the elapsed part of the current financial year
    - (b) the two financial years immediately preceding the current financial year

# Category 1: Feasibility Studies

- For feasibility studies projects, you could get funding for your eligible project costs of:
  - up to 70% if you are a micro or small organisation
  - up to 60% if you are a medium-sized organisation
  - up to 50% if you are a large organisation
- Eligible costs please refer to the competition to which you are applying.
- For a detailed definition of feasibility studies see [guidance document section 13.1.](#)



# Category 2: Industrial Research and Experimental Development Projects

- **For Industrial Research projects, you could get funding for your eligible project costs of:**
  - up to 70% if you are a micro or small organisation
  - up to 60% if you are a medium-sized organisation
  - up to 50% if you are a large organisation
- **For experimental development projects which are nearer to market, you could get funding for your eligible project costs of:**
  - up to 45% if you are a micro or small organisation
  - up to 35% if you are a medium-sized organisation
  - up to 25% if you are a large organisation
- Eligible costs please refer to the competition to which you are applying.
- For a detailed definition of these research categories see [guidance document section 14.3](#).



# Participation Rules

**The aim of this funding opportunity is to:**

- optimise the level of funding to business and
- recognise the importance of research base to project

At least 70% of total eligible project costs must be incurred by business.

The maximum level (30% of total eligible project costs) is shared by all research organisations collaborating on the project.

# What is collaboration?

In all collaborative projects there must be:

- at least two organisations claiming grant within the application (including the lead)
- evidence of effective collaboration

We would expect to see the structure and rationale of the collaboration described in the application.

## Making more than one application

A business, academic institution, research and technology organisation (RTO), charity, not for profit or public sector organisation can only lead on one application but can be included as a collaborator in a further two applications.

If a UK registered eligible organisation is not leading an application, it can collaborate in any number of applications.



# Other Innovate UK projects

If you have an outstanding final claim or Independent Accountant Report (IAR) on a live Innovate UK project, you will not be eligible to apply to this competition, as a lead or a partner organisation.

We will not award you any further funding if you:

- applied to a previous competition as the lead or sole company and were awarded funding by Innovate UK, but did not make a substantial effort to exploit that award
- applied to a previous competition as the lead or sole company and failed to comply with grant terms and conditions.

# Key Dates

Timeline	Dates
Competition Opens	28th August 2024
Briefing Event	6th September 2024
Submission Deadline	9th October 2024, 11:00
Applicants informed	7th November 2024



# **Innovation Funding Service (IFS)**

# Search for a funding competition and review criteria

## Innovation competitions

**Filter competitions** 1 competition

Keywords

Innovation area

[Update results](#)

[Quantum CR&D Demonstrators for Position, Navigation and Timing](#)

UK registered organisations can apply for a share of up to £6 million for innovation projects demonstrating quantum technology solutions for determining position, navigation and time. This funding is from Innovate UK.

**Eligibility**  
This competition is open to collaborations only.  
To lead a project your organisation must be a UK registered:

- business of any size
- academic institution
- research and technology organisation (RTO)
- charity
- not for profit
- public sector organisation

You must involve at least one [micro, small or medium-sized enterprise](#) (SME).

**Open now**  
Opened: 28 August 2024  
Closes: 9 October 2024

## Funding competition

### Quantum CR&D Demonstrators for Position, Navigation and Timing

UK registered organisations can apply for a share of up to £6 million for innovation projects demonstrating quantum technology solutions for determining position, navigation and time. This funding is from Innovate UK.

**Competition opens:** Wednesday 28 August 2024  
**Competition closes:** Wednesday 9 October 2024 11:00am

[Start new application](#)

Or go to [your dashboard](#) to continue an existing application.

Summary **Eligibility** Scope Dates How to apply Supporting information

**Description**

Innovate UK, part of UK Research and Innovation, will invest up to £6 million in innovation projects.

The aim of this competition is to accelerate the commercialisation of position, navigation and timing measurement products relying on quantum technologies.

Your project must demonstrate innovative solutions, using second generation quantum technologies to solve end user problems in the measurement of position, navigation, and time, for example, supporting navigation in satellite denied environments, or where high levels of integrity are required, creating resilience in all contexts.

You must demonstrate these technologies in an environment representative of the intended use.

In applying to this competition, you are entering into a competitive process. This competition has a funding limit, so we may not be able to fund all the proposed projects. It may be the case that your project scores highly but we are still unable to fund it.

This competition closes at 11am UK time on the deadline stated in this [innovate UK competition brief](#). We cannot guarantee other government or third party sites will always show the correct competition information.

# Lead Applicant: create an account

The lead applicant must create an account:

## UK registered businesses

Use Companies House lookup as it speeds up our checks by providing your company number. You are unable to enter this at a later date.

## Research organisations, academics and universities

Enter your information manually so you are not listed as a business on IFS and ensure you receive the correct funding.



This screenshot shows the 'Your organisation' page on the Innovation Funding Service. It includes a search bar for finding organisations on Companies House, with the search term 'nomensa' entered. Below the search bar, it displays the search results for 'NOMENSA LTD', including its company number (04214477) and address (13 Queen Square, Bristol, BS1 4NT).

This screenshot shows the 'Please sign in or create an account' page. It features two columns: 'Used this service before?' with a 'Sign in' button, and 'New to this service?' with a 'Create account' button. A 'BETA' banner at the top indicates that feedback will help improve the service.

This screenshot shows the 'Sign in' page. It contains input fields for 'Email address' and 'Password'. Below the password field is a 'Show' button. A link for 'Need help signing in or creating an account?' is visible, along with a section titled 'My email and/or password isn't working' which includes a link for 'Forgotten your password?' circled in purple.

# Project Details

- **Application Team** - Collaborators can invite organisations who you are working with on the project. Contributors can invite colleagues from your own organisation to help you complete your application.
- **Application Details** - Title, timescales, research category, innovation area and previously submitted application (y/n)
- **Subsidy basis** - Will the project, including any related activities, you want Innovate UK to fund, affect trade between Northern Ireland and the EU? All participants must complete this section.
- **Project Summary** - Short summary and objectives of the project including what is innovative about it
- **Public Description** - Description of your project which will be published if you are successful
- **Scope - How does your project align with the scope of this competition?** - If your project is not in scope, it will not be sent for assessment. We will tell you the reason why.

# Application Questions

Detailed guidance available on IFS

Application Form		Appendix?
Question 1	Applicant location (not scored)	No
Question 2	Animal testing (not scored)	No
Question 3	Permits and licenses (not scored)	No
Question 4	Need or challenge	No
Question 5	Approach and innovation	Yes - optional
Question 6	Team and resources	Yes - optional
Question 7	Market awareness	No
Question 8	Outcomes and route to market	No
Question 9	Wider impacts	No
Question 10	Project management	Yes - mandatory
Question 11	Risks	Yes - mandatory
Question 12	Added value	No
Question 13	Costs and value for money	No

# Application finances





# To claim funding

Your business does not have to be UK registered with Companies House when you apply but it must be registered before you can receive funding.

You are unable to claim funding if:

- you are an overseas organisation, so your company number begins with FC
- your organisation is setup as a branch, so your company number begins with BR
- you are a collaboration with no formal structure of ownership or control, so your company number begins with ML
- you are a Crown Dependency:
  - if your company is based in Jersey, your company number begins with JE
  - if your company is based in Guernsey
  - if your company is based in the Isle of Man

# British Overseas Territories

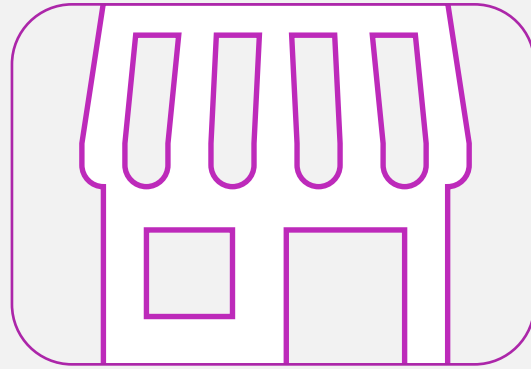
You are also unable to claim funding if your company is based in any of the British Overseas Territories (BOTs):

- Anguilla
- Bermuda
- British Antarctic Territory
- British Indian Ocean Territory
- British Virgin Islands
- Cayman Islands
- Falkland Islands
- Gibraltar
- Montserrat
- Pitcairn Islands
- Saint Helena, Ascension and Tristan da Cunha
- South Georgia and the South Sandwich Islands
- Turks and Caicos Islands

# Your Project Cost Categories



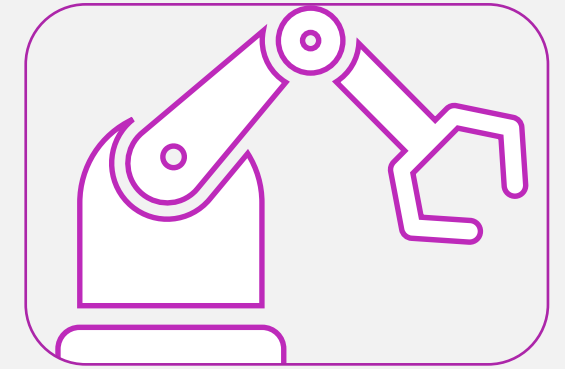
Labour



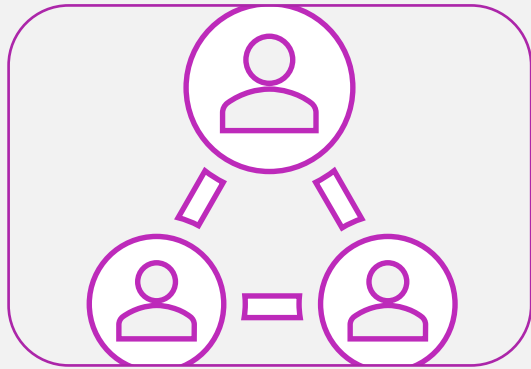
Overheads



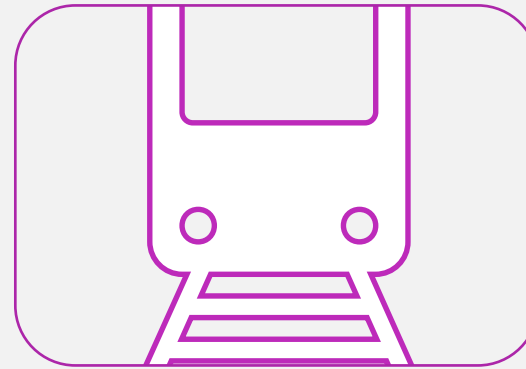
Materials



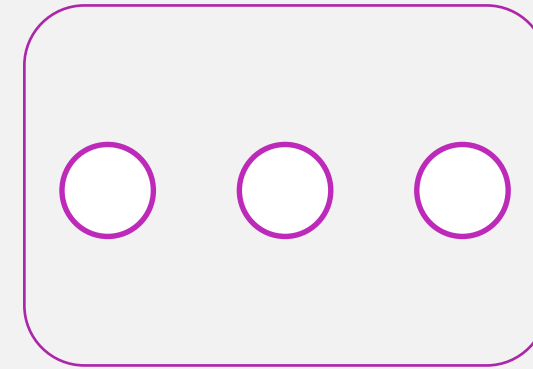
Equipment Usage



Subcontractors



Travel &  
Subsistence



Other

# Labour

## Costs supported:

- Roles and number of days spent working on project (time sheets required)
- 262 work days per annum (less Public holidays and entitlement)
- paid by PAYE
- Employers NI, annual salaries, pension, Health insurance

## Costs not supported:

- Dividends & bonuses
- Holiday (excluding that mentioned in eligible costs)
- Training days
- Names not roles assigned to project costs

### Labour £25,862 —

You can claim the labour costs of all employees you have working on your project.

► [Labour costs guidance](#)

If your application is awarded funding, you will need to account for all your labour costs as they occur. For example, you should keep timesheets and payroll records. These should show the actual hours worked by individuals and paid by the organisation.

Working days per year

Number of staff and roles within the project

Role within project	Gross employee cost	Rate (£/day)	Days to be spent by all staff at this grade	Total costs	
<input type="text" value="Project Manager"/>	<input type="text" value="50000"/>	£216	<input type="text" value="120"/>	£25,862	<a href="#">Remove</a>
<input type="text"/>	<input type="text" value="0"/>	£0	<input type="text" value="0"/>	£0	<a href="#">Remove</a>

[Add another role](#)

Total labour costs **£25,862**

# Material costs

## Costs supported

Off the shelf items via 3<sup>rd</sup> Party suppliers

Items from stock with the replacement of items invoice (used as evidence of supply)

## Costs not supported

Whole bulk buy invoices, when only partially used with project work

Items from stock that aren't being replaced

Equipment treated as assets

**Materials** £10,000 —

You can claim the costs of materials used on your project providing:

- they are not already purchased or included in the overheads
- they are purchased from third parties
- they won't have a residual/resale value at the end of your project. If they do you can claim the costs minus this value

[Please refer to our guide to project costs for further information.](#)

▶ [Materials costs guidance](#)

Please provide a breakdown of the materials you expect to use during the project

Item	Quantity	Cost per item (£)	Total	
<input type="text" value="Software"/>	<input type="text" value="1"/>	<input type="text" value="10000"/>	<b>£10,000</b>	<a href="#">Remove</a>
<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<b>£0</b>	<a href="#">Remove</a>

[Add another materials cost](#)

Total materials costs **£10,000**

# Subcontractors\*

## Costs supported

Justification required if non-UK supplier chosen

Independent contractor via 3<sup>rd</sup> Party suppliers

Linked supplier must be charged at cost

Description of work covered

## Costs not supported

Intercompany uplifts or profits

Overseas contractors, if UK contractor available-  
without justification

You can subcontract work if you don't have the expertise in your project team. You can also subcontract if it is cheaper than developing your skills in-house.

▶ [Subcontracting costs guidance](#)

Please provide details of any work that you expect to subcontract for your project.

Subcontractor name

Robotics experts ltd

Country where the subcontractor will work

UK

Role of the subcontractor in the project and description of the work they'll do

facilitation and availability of robotics labs

Cost

36795

# Travel and subsistence\*

## Costs supported

Rail, Car or Plane\*\*

Mileage at HMRC rate

Hotel (Bed and Breakfast)

Reasonable food costs(overnight stay only)

## Costs not supported

Fuel

First class travel

Entertaining or marketing

Visas

Unreasonable food costs(overnight stay only)

**Travel and subsistence** £ 3,000 ▲

You should include travel and subsistence costs that relate to this project.

Purpose of journey or description of subsistence cost	Number of times	Cost each (£)	Total (£)	
<input type="text" value="Travel to robotics labs for testing"/>	<input type="text" value="12"/>	<input type="text" value="100"/>	<input type="text" value="£ 1,200"/>	<a href="#">Remove</a>
<input type="text" value="monthly project meetings"/>	<input type="text" value="12"/>	<input type="text" value="150"/>	<input type="text" value="£ 1,800"/>	<a href="#">Remove</a>

[Add another travel cost](#)

Total travel & subsistence costs

# Overheads

**Innovate UK's included costs are those incurred as a direct result of the project**

## Costs supported

Additional costs for administrative staff  
Day to Day Calculation for those people listed in the Labour Costs Table, multiplied by the numbers of days working on the project work.

## Costs not supported

Excessive costs of Senior Managers only overseeing project activities  
Business as usual day to day rates for Administration  
Uplifts of any kind

### Overhead costs

£ 44,483 ▲

You can incur overhead costs associated with those directly working on the project as well as indirect (administration) overheads. To be eligible both overhead categories need to be directly attributable to the project. The indirect overheads need to be additional as well as directly attributable. Note that there are certain cost categories/activities which are not eligible. To find out which costs are ineligible/eligible refer to our [project costs guidance](#).

► [Overheads costs guidance](#)

- No overhead costs
- 20% of labour costs
- Calculate overheads

### Calculate overheads

If you feel your overheads are higher than 20% you may calculate a value using the Innovate UK model in the spreadsheet available below. The model shows you which types of indirect costs associated with your project you may claim. For support with this option, please contact our Customer Support Service on 01793 44 2700. Any value claimed under this model will be subject to a review. This will assess the appropriateness of your claim if your grant application is successful.

#### Download the overhead calculation spreadsheet

Download as an Excel document [overhead calculation spreadsheet.xlsx \(16KB\)](#)

Download as an Open Office document [overhead calculation spreadsheet.ods \(10KB\)](#)

#### Upload your completed spreadsheet

No file currently uploaded

+ Upload



# Capital equipment usage\*

## Costs supported:

Usage costs for the period of use  
A justification if greater than expected  
Depreciation charge is included

## Costs not supported

Purchase price of equipment  
Usage costs for the whole of the project period  
if only used for part of the time  
100% write down within the project timeline\*\*  
\*Please provide your Fixed Asset Register  
\*\*If not applicable

**Capital usage** £750 —

You can claim the usage costs of capital assets you will buy for, or use on, your project.

[▶ Capital usage guidance](#)

Please provide a breakdown of the capital items you will buy and/or use for the project.

---

Item description

Laptop

New or existing item  
 New  Existing

Depreciation period (months)

Net present value at the start of your project or the price you bought it for (£)

Residual value at end of project (£)

Utilisation (%)

Net cost  
**£750**

# Other\*

## Costs supported

Facility usage\*\*

Licence fees(or appropriate proportion)

Miscellaneous(not covered in other categories)

Quality certification\*\*\*

Specific PPE

Dissemination costs

Patent filing costs (for SMEs only) limited to £7.5k

## Costs not supported

Facility charge rates

Marketing

Trademark

Undefined mixed costs

Contribution in kind

Business as usual costs

\*You will be required to provide invoices and basis of daily rates

\*\*At daily or hourly cost

\*\*\*Where required for sign off

**Other costs** £ 0 ▲

Please provide details of any project costs which cannot be covered by the other cost categories.

[▶ Other costs guidance](#)

Please note that legal or project audit and accountancy fees are not eligible and should not be included as an 'other cost'. Patent filing costs of new IP relating to the project are limited to £7,500 for SME applicants only. Please provide estimates of other costs that do not fit within any other cost headings.

Description and justification of the cost	Estimated cost (£)
<input type="text"/>	<input type="text" value="0"/>

[Add another cost](#)

# Finance summary

## Finances summary

The finances of all project partners are included in this summary.

	Total costs (£)	Funding level (%)	Funding sought (£)	Contribution to project (£)	Other public sector funding (£)
Lead organisation	XXX		XXX		
Partner	XXX		XXX		
Total	XXX		XXX		

You must make sure your total in the Funding Sought column is no more than **£500,000**

Please note that any costs entered into the other public sector funding column will be deducted from your funding sought total.

Research organisation participation must be no more than **30%** of the total project costs.

N.B All organisations can see a summary of project costs.

# Funding

## Funding rules

The level of funding awarded will depend upon the type of organisation and the type of research being undertaken in the project

Funding is calculated by project participant

IFS will advise the maximum grant % you can request based upon your answers to:

- type and size of organisation
- research category defined by the lead applicant in the Application Details section of the application



# How much funding you receive?

Organisation or type of activity	Technical feasibility studies and industrial research
Business (economic activity)	Micro or Small – 70% Medium – 60% Large – 50%
Research organisation (non-economic activity)	Universities – 100% (80% of Full Economic Costs)  Other research organisations can claim 100% of their project costs
Public Sector Organisation or Charity (non-economic activity)	100% of eligible costs
Research organisations (undertaking economic activities) Organisations receive funding related to the size of their organisation	Micro or Small – 70% Medium – 60% Large – 50%

# Academic partners



# Why Je-S?

We use the Research Councils' Joint Electronic Submission System (Je-S) to collect academic finances.

The Je-S system automates the collection of Full Economic Costs (FEC) based costs from academic partners and tells them exactly what numbers should be used in the application form for their costs.

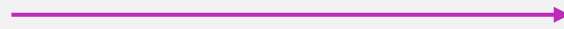
Also to collect project finance details from non-HEIs (e.g. RTOs) that are claiming they are carrying out academic quality work and want to be funded on an FEC basis.

Using Je-S means that Innovate UK follows standard Research Council guidelines on funding universities and enables Research Councils to easily co-fund Innovate UK projects.

**The Je-S system is completely separate from Innovate UK and we cannot advise on its usage.**

# Project costs – academic partners

Enter the TSB reference number here



Enter the TSB Contribution column figures from *your* J-eS output document into the project costs section of the application.

Upload the Je-S with council status form as a PDF at the bottom of the screen.

**Any queries, contact Je-S Helpdesk (not Innovate UK)**

- [jeshelp@je-s.ukri.org](mailto:jeshelp@je-s.ukri.org)
- 01793 444164

<b>TSB reference</b> This number is found at the top of your Je-S form	
<input type="text" value="My REF"/>	
<b>Financial resources</b> Please enter the following costs from the summary of resources section on your Je-S form	
<b>Directly incurred</b>	<b>TSB Contribution (please refer to the TSB contribution column)</b>
Staff	<input type="text" value="11"/>
Travel & subsistence	<input type="text" value="22"/>
Other costs	<input type="text" value="33"/>
<b>Subtotal</b>	<input type="text" value="£ 66"/>
<b>Directly allocated</b>	
Investigators	<input type="text" value="44"/>
Estates Costs	<input type="text" value="55"/>
Other costs	<input type="text" value="66"/>
<b>Subtotal</b>	<input type="text" value="£ 165"/>
<b>Indirect costs</b>	<input type="text" value="77"/>
<b>Exceptions</b>	
Staff	<input type="text" value="88"/>



# Submitting your application



# Checking your finances are complete

## Finances Summary

The following organisations have not marked their finances as complete:

- EMPIRE LTD



[Return to the finances section to complete your finances](#)

This application cannot be submitted unless finances have been marked as complete by all partners.

		Total costs	% Grant	Funding sought	Other public sector funding	Contribution to project
<b>Barry Shaw Experts Ltd</b> Partner	✓	£230,162	70%	£161,113	£0	£69,049
<b>EMPIRE LTD</b> Lead organisation	⚠	£282,655	70%	£197,859	£0	£84,797
<b>University of Bath</b> Partner	✓	£239,114	0%	£0	£0	£239,114
<b>Total</b>		<b>£751,931</b>		£358,972	£0	£392,959

All organisations have marked their finances as complete.

Research organisation participation is no greater than 30% of the total project costs.

# Editing a submitted application

**test**  
Application number: 242  
Competition: 599 Covid de minimis round 2

Awaiting assessment

**Application submitted**

[Reopen](#)

Reopen by clicking here

**Terms and conditions**  
You must agree to these before you submit your application.

[Award terms and conditions](#) ✓ Complete

[Review and submit](#) [Print your application](#)

Remember to press  
'Submit application'

**Terms and conditions** Open all

[Award terms and conditions](#) ✓ Complete +

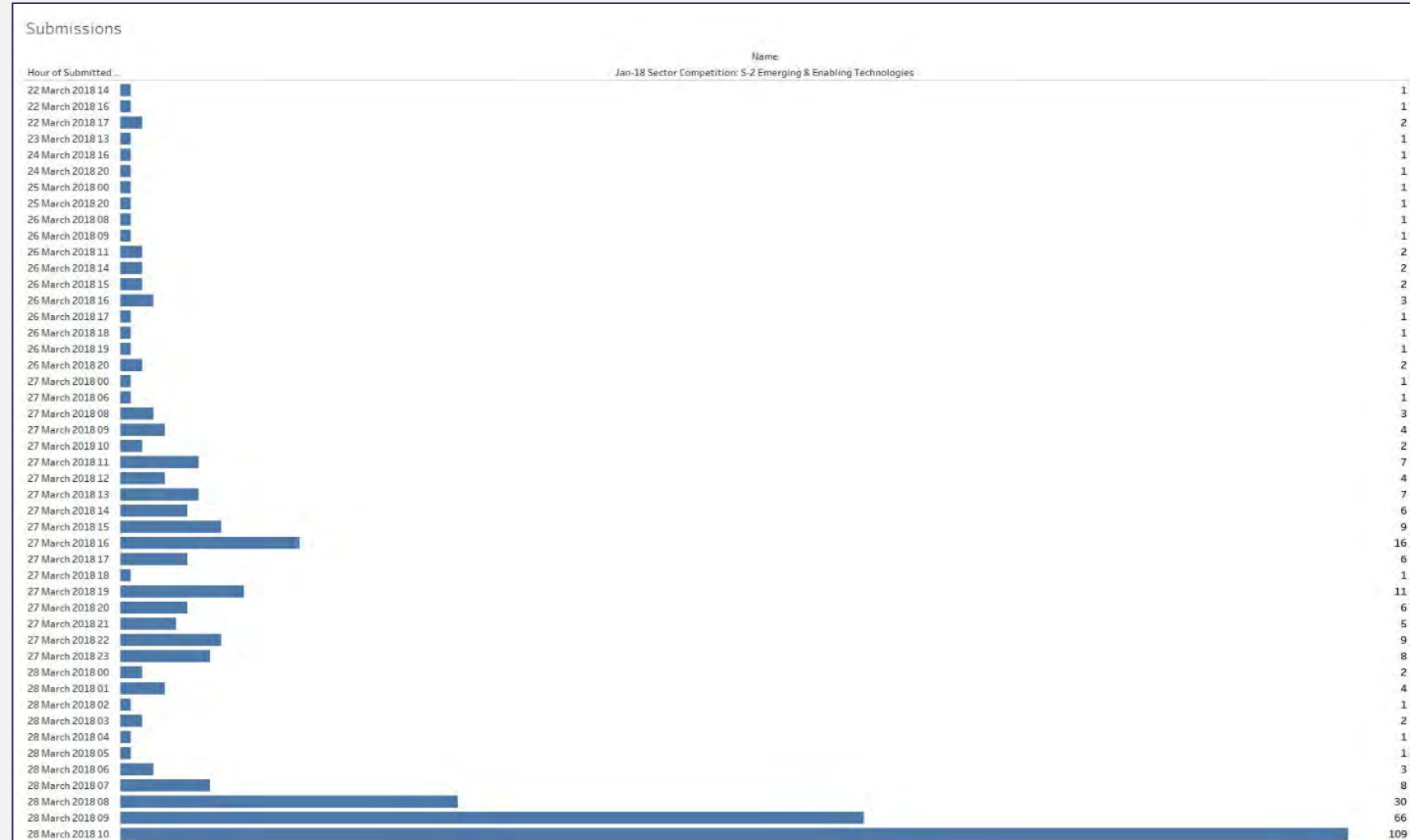
[Submit application](#)

Need help with this service? [Contact us](#)

# Submit your application early!

Customer Support can help resolve any issues you might have when submitting but only if they are contacted before the deadline. Once the deadline has passed, your application cannot be submitted.

Remember that if there are collaborative partners, it is the lead applicant's responsibility to ensure all collaborative partners have completed their assigned sections and accepted the terms and conditions, before submitting.



# How are successful applicants selected for funding?

Assessors will score each section of your application.

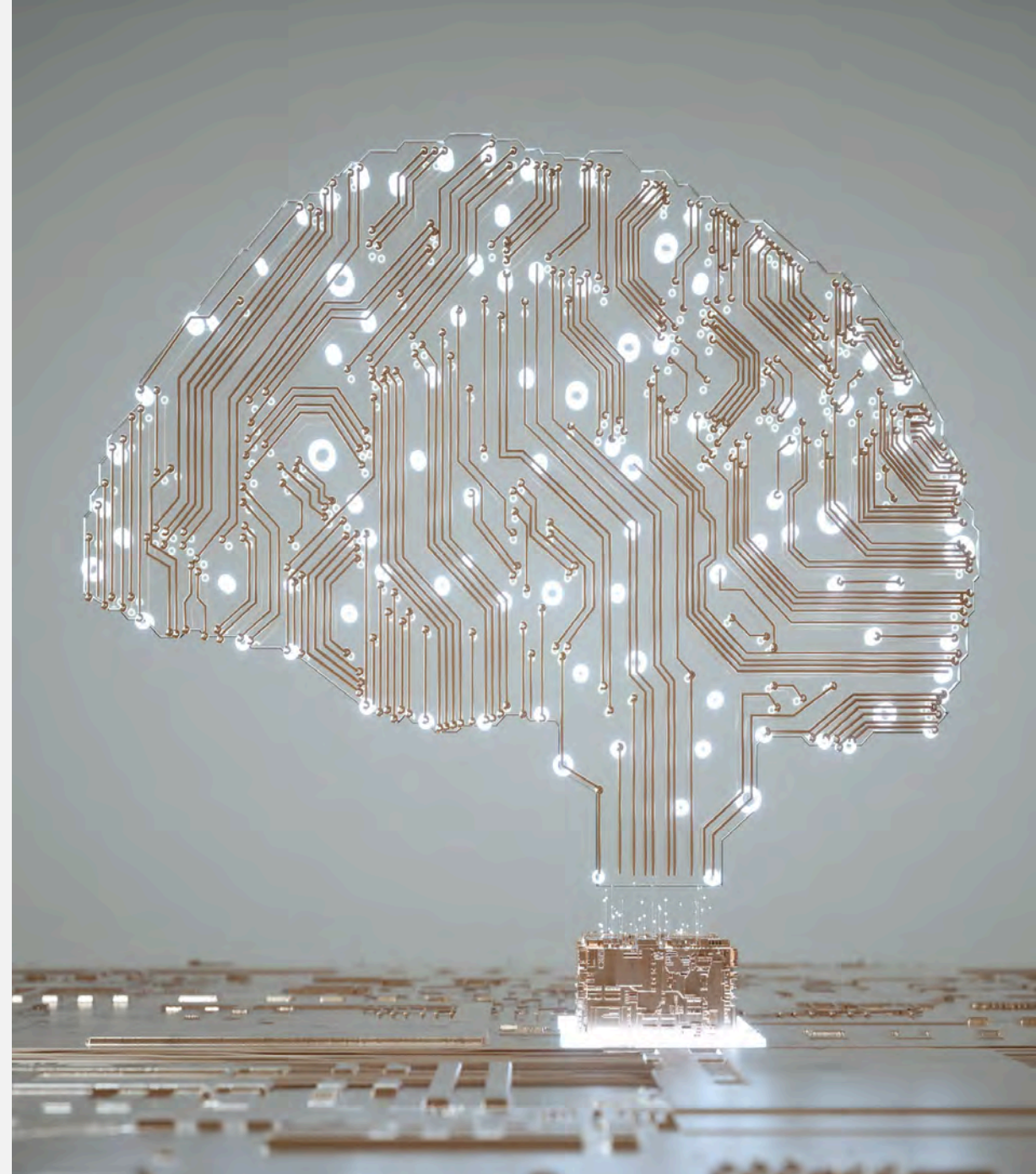
After the assessor process, Innovate UK will independently moderate assessor scores. Any outliers in scores may be removed and your total score will be updated.

You will then receive email notification to offer grant funding or to inform you that your application has been unsuccessful on this occasion.

Whether successful or unsuccessful in receiving grant funding, you will receive feedback on your application. It is intended to be constructive in nature and to highlight both the strong as well as the weak areas of your application.

For more information on the competition process, please go to: [Competition briefing: applicant information - YouTube](#)

# Project setup for successful applicants



# Notification

## If you are unsuccessful in this competition

You can use the feedback from the assessors to develop your idea and apply into another competition that allows previously submitted applications

## If you are successful in this competition

- you will be assigned a Delivery Executive who will guide you through the Project Set Up process
- you will have 7 days to complete the project team, project details and bank details
- you will then have 90 days to complete project set up – funding may be withdrawn if this is not completed within this timeframe

**Please ensure all your contact details in the IFS portal are correct and up to date and that you regularly monitor it.**

# Project set up

- All communication will be through IFS.
- Lead applicant must provide collaboration agreements and exploitation plans if applicable.
- Any partners with individual total project costs of **up to** £50,000 must provide evidence with a Statement of Expenditure (SoE).
- Any partners with individual total project costs **above** £50,000 must provide evidence with an Independent Accountants Report (IAR).

## Project delivery

- All grants are paid quarterly in arrears and are only paid following quarterly reporting and necessary audits.
- Claims can only be made for costs incurred and paid between the project start and end dates.
- Monitoring of the project includes a visit from the appointed Monitoring Officer.



# Additional Support



# Innovate UK Business Growth

*Bespoke growth and scaling support at the business end of innovation*

- Intensive growth and scaling support tailored to the needs of each of our ambitious innovation-driven clients
- Offered alongside project funding to Innovate UK award winners, most of whom engage us. We are also available to all high growth potential innovative small or medium-sized businesses\*
- Engagement at early, growth and scaling stages, with our core high growth service and enhanced Scaleup Programme
- Delivered by 290 innovation and growth specialists embedded in regional ecosystems across the UK, including a board of expert scaleup directors

*\*subject to eligibility and currently in all nations and regions outside Scotland*

# Innovate UK Business Growth

An innovation and growth specialist, or scaleup directors, work with a company's leadership to hone its commercial strategy and help it take targeted action to, for example:

- Build investment readiness
- Manage innovation effectively
- Enter global markets
- Providing local to national to international growth and scaling support



# Q&A



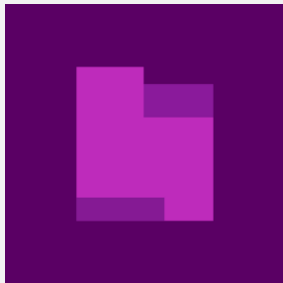
Innovate  
UK

# Contact

## Customer Support Services

0300 321 4357 (Monday - Friday 9am-12pm and 2pm-5pm)

[support@iuk.ukri.org](mailto:support@iuk.ukri.org)



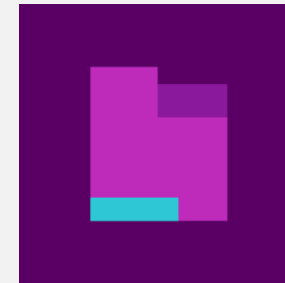
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