UKRI
Innovate UK

Welcome

Scalable Quantum Network Technologies: Collaborative R&D

Applicant Briefing

Date: Monday 18th September 2023

The webinar will start at 11:00am

- 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**
  Introduction to UKRI and Innovate UK
  Innovate UK KTN – Connecting people and enabling innovation
  Scope
  Eligibility Criteria
  Q&A

- **Part 2**
  The Innovation Funding Service, Application Finances,
  Academic Partners

- **Part 3**
  Submitting your application, Assessment, Project setup
  for successful applicants and reasonable adjustments
  Q&A

Welcome and Introductions

Sarah Selwood -

Portfolio Manager, Competitions Team

Sam Johnson -

Head of Quantum

Dr Najwa Sidqi -

IUK KTN Manager, Quantum Technologies

UKRI Innovate UK

Introduction to UKRI and Innovate UK

UKRI

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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**.

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.

UKRI

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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

Scalable Quantum Network Technologies: Collaborative R&D

Innovate UK KTN: Connecting people and enabling innovation

Dr. Najwa Sidqi

Knowledge transfer manager in quantum technologies

Our mission and activities

Raising awareness about quantum technologies and their applications for end user sector and connecting diverse stakeholders within the community.

Our key activities:

- Holding regular networking events around quantum and its applications

- Connecting people within the quantum community and building collaborations

- Supporting and delivering the UK national quantum technologies programme activities

- Building insights and informing policy

- Mapping the capabilities in quantum technologies(businesses, services, research, etc,...)

The UK quantum landscape map

Provides a comprehensive directory for the UK quantum landscape:

- Businesses from quantum developers, supply chain, end users and consultancies

- Research groups and themes directory

- UKRI funded projects

- Training centres: applications, research areas and partners

- National hubs/centres: applications, capabilities, industrial and academic partners

- Nanofabrication facilities and quantum computers available under resources

Useful links and contact details

The UK quantum landscape:
https://ktn-uk.org/programme/quantum-landscape/

Follow us:
https://ktn-uk.org/quantum/

Newsletter sign up for funding and networking opportunities:
https://info.ktn-uk.org/p/2VFU-7E8/quantum-technology-sign-up

For networking enquiries, contact:
Dr. Najwa Sidqi
Najwa.sidqi@iuk.ktn-uk.org

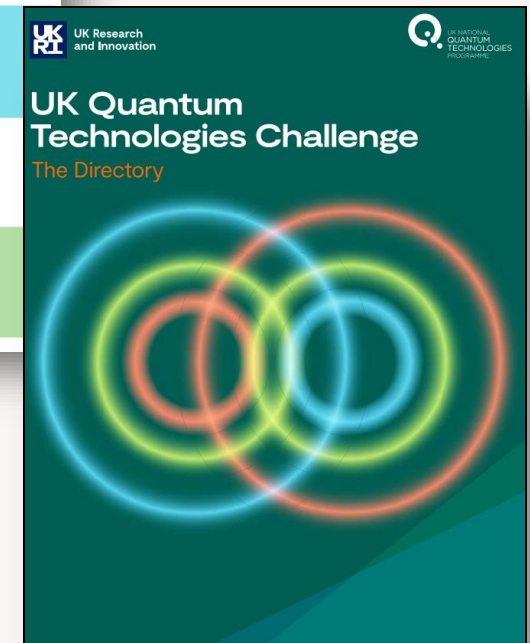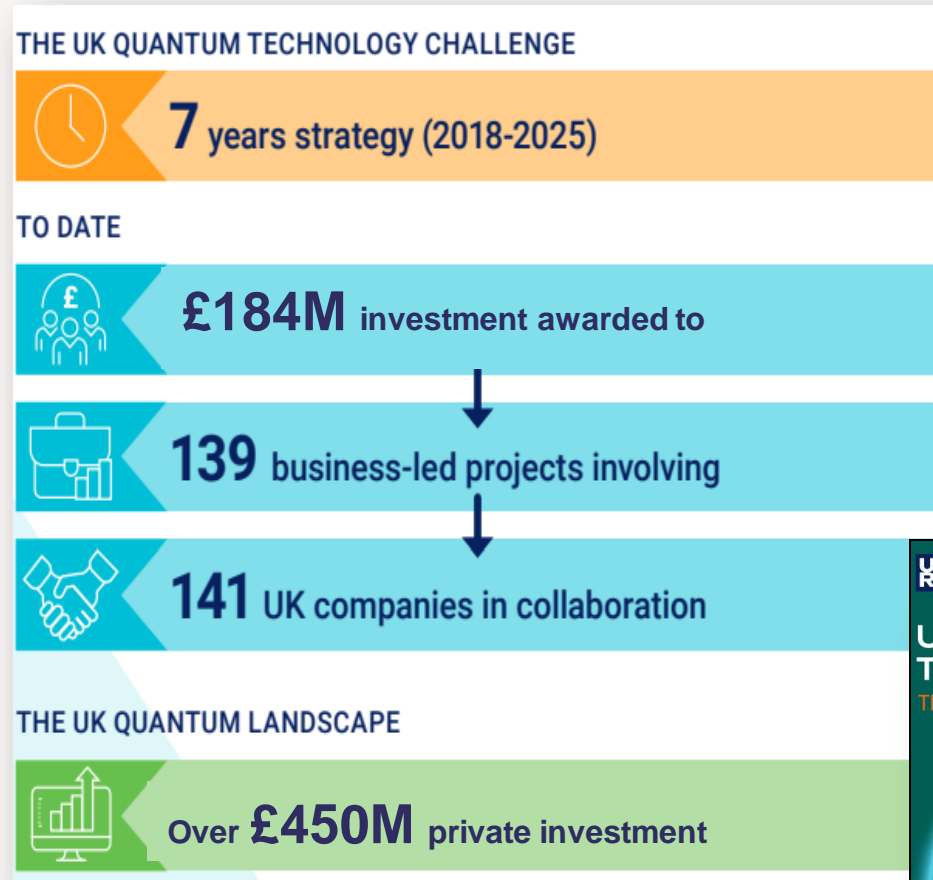**Matt Jones**
Matthew.jones@iuk.ktn-uk.org

Scope

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Context: UKRI Quantum Challenge

- UK is growing a vibrant industrial QT ecosystem
  - Addressing economic and societal challenges

- UKRI Quantum Challenge programme was committed in 2022 and now in the delivery phase

THE UK QUANTUM TECHNOLOGY CHALLENGE

7 years strategy (2018-2025)

TO DATE

£184M investment awarded to

139 business-led projects involving

141 UK companies in collaboration

THE UK QUANTUM LANDSCAPE

Over **£450M** private investment

UK Research and Innovation

UK NATIONAL QUANTUM TECHNOLOGIES PROGRAMME

UK Quantum Technologies Challenge
The Directory

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Context: National Quantum Strategy 2023

- Government has now made a forward commitment of £2.5Bn over 10 years to scale up UK's ambitions to be a leading quantum-enabled economy

- "*the UK to be a world leading quantum-enabled economy*" and "*to ensure that quantum technologies are an integral part of the UK's digital infrastructure*"

- "*making the UK the go-to place for quantum businesses and an integral part of the global supply chain*"

Department for Science, Innovation & Technology

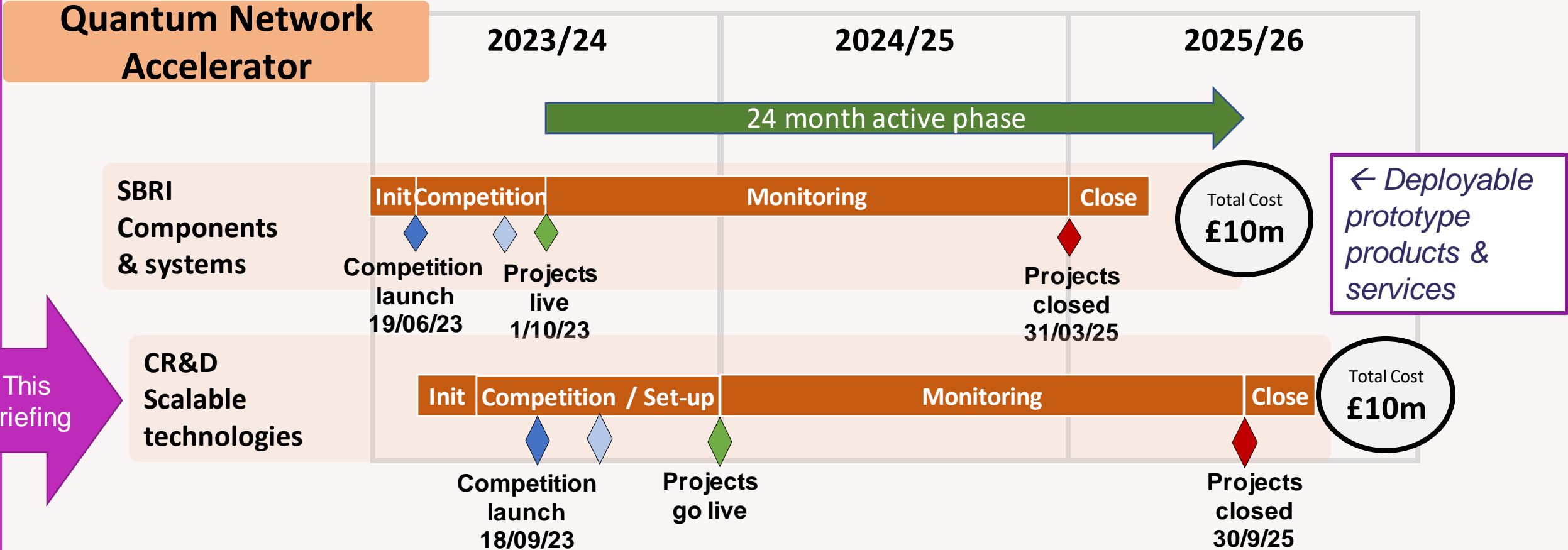National Quantum Strategy

March 2023
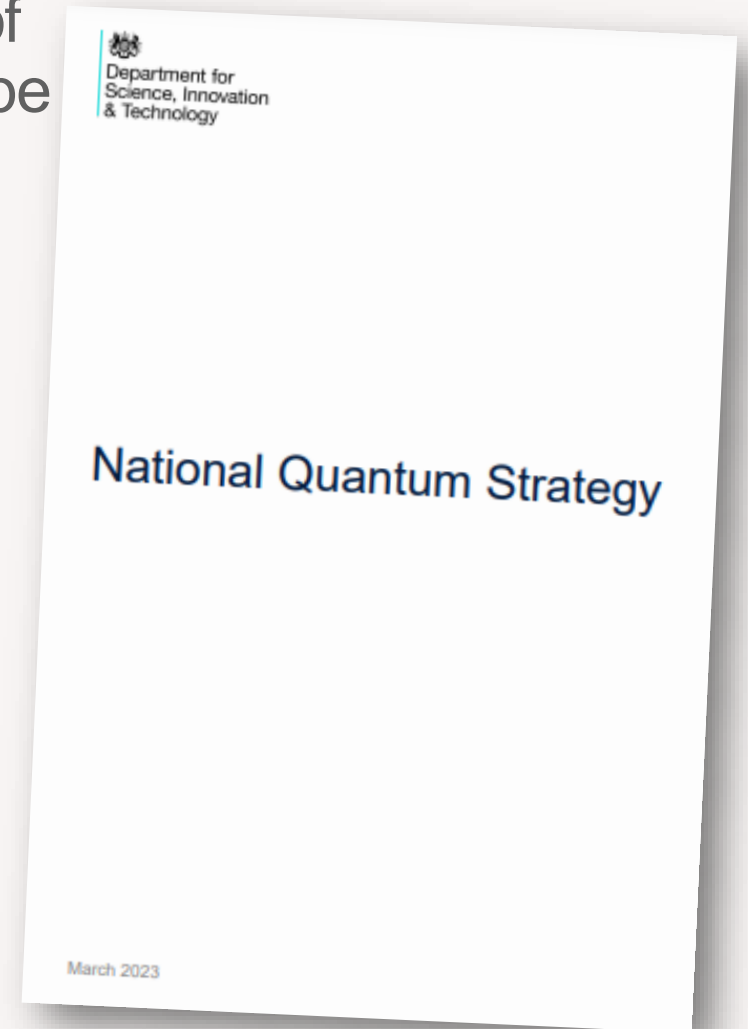
Quantum Networks Accelerator Programme

1. Our communications networks are growing in capacity and complexity as our economy becomes increasingly underpinned by data.

2. Quantum network technologies will transform the way we distribute, secure, handle and process our information to meet these challenges, to build resilient communications and to make quantum computers scalable and usable.

3. Only when quantum technologies are integrated into networks will their potential be realised and democratised. The first economy meet this challenge will deliver on a more prosperous and resilient society.

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Timeline

Quantum Network Accelerator

| 2023/24 | 2024/25 | 2025/26 |

24 month active phase

SBRI Components & systems

Init | Competition | Monitoring | Close

Total Cost **£10m**

Competition launch 19/06/23

Projects live 1/10/23

Projects closed 31/03/25

← *Deployable prototype products & services*

This briefing

CR&D Scalable technologies

Init | Competition / Set-up | Monitoring | Close

Total Cost **£10m**

Competition launch 18/09/23

Projects go live

Projects closed 30/9/25

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Scalable Quantum Network Technologies CR&D

Innovate UK will invest up to £10 million in collaborative projects of £1.5 million to £3 million in size, up to 18 months

- The overall aim of this competition is to **accelerate quantum network technologies** by **removing technological barriers to their commercialisation and adoption.**

- Your project **must identify** one or more key technological barriers and propose an innovative project that will address them.

Competition objectives

- outline one or more **technological barriers and their implications** to businesses
- describe how this **impedes widespread customer adoption**
- deliver an **innovative, competitive technical solution**
- plan to **demonstrate the technical solution and its commercial viability**
- provide a **roadmap for future commercial exploitation**

Your proposal must be able to demonstrate how the project will **enhance the scalability of quantum network technologies** and **build UK leadership in the emerging global market.**

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.'

Themes

Your project can focus on one or more of the following

1. Techniques for securing data in storage and in flight

2. Networking of quantum computers to advance information processing

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Themes

Your project can focus on one or more of the following

1. Techniques for securing data in storage and in flight

Quantum communications to develop more robust encryption technologies.

Building resilience to 'store-now, decrypt-later' attacks. (technologies such as quantum key distribution, plus post-quantum cryptography where beneficial)

Themes

Your project can focus on one or more of the following

1. Techniques for securing data in storage and in flight

2. Networking of quantum computers to advance information processing

Entanglement-based networking

Developing the **interface between quantum computers and networks** to amplify capabilities of individual devices or platforms

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Where do we see specific barriers? (part 1)

We encourage projects that

- enable quantum networks to operate at scale   ---► Long distances. Multi-node networks. Increasing complexity

- develop security assurance frameworks for real world implementations of quantum-enabled solutions   ---► Whole systems secured against appropriate threats

- advance critical enabling technologies towards scale manufacture   ---► Bring down system costs

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Where do we see specific barriers? (part 2)

We encourage projects that

- unlock and amplify the capabilities of quantum processors by connecting them into networked architectures

  $- - -▸$ Networking quantum devices through entanglement. Interfaces.

- Work with network architects, operators and service providers to introduce quantum technologies to enhance or transform current solutions and services

  $- - -▸$ **Engage the users. Demonstrate the solutions!**

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Taking a portfolio approach

- We want to fund a **variety of projects** across different **technologies, organisations, themes and markets**. We call this a portfolio approach.

- Projects that build on previous or current IUK activities **must** be clear how a new endeavour will lead to distinct outputs & outcomes

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Wider remarks: why CR&D?

- Industry-led* and genuinely collaborative   (*RTO may lead by exception)
- Build supply/value chain relationships
- Can **address shared challenges** & support **diffusion of scalable solutions**
- Co-investment evidences that **technological barriers have industry buy-in**
- Collaborations **encourage expanding network of developers/users**
- Bring down barriers to widespread user adoption…so engage them!

Out of Scope

We will **not** fund projects which:

- duplicates existing innovation

- do not exploit the capabilities of, or mitigate the risks created by second generation quantum technologies

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Quantum Network Accelerator: Impacts

Lens through which we will measure success…

1. Products

- New QT products and services

- Increased revenue for QT products/services by UK companies

2. Investment

- Increased investment into quantum R&D

- Increased investment into UK QT businesses

3. Market share

- Generation of new export opportunities

- Greater share of the global QT market

4. Collaboration

- Increased business to business engagement and supply chain relationships

- Increased business to academic engagement

UK

Final remarks on programme

Our ambition is that the Quantum Network Accelerator will:

1. Be transformational to the participants and users involved

2. Support the objectives of the National Quantum Strategy and;

3. Be influential in shaping future activities and priorities (Missions)

Eligibility Criteria

Previously submitted applications

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

Previously submitted application	Not a Previously submitted application
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)	A brand-new application, project or idea that you have not previously submitted into an Innovate UK competition OR A previously submitted or ineligible application which: ✓has been updated based on assessor feedback ✓<u>and</u> is materially different from the application submitted before ✓<u>and</u> fits with the scope of this competition

Eligibility Criteria

Project Eligibility	• lead must be a UK registered business of any size • must be collaborative • must carry out your project in the UK • exploit the results from or in the UK In exceptional circumstances a research and technology organisation (RTO) can lead. The RTO must provide justification by email to support@iuk.ukri.org at least 10 working days before the competition closes. We will decide whether to approve your request. If the lead organisation is an RTO it must collaborate with at least 2 UK registered businesses.
Start Date	on 1st April 2024
Total Grant	up to £10m
Total Project Costs	between £1.5m and £3m
Project length	between 12 and 18 months

Eligibility Criteria

Project Team

To collaborate with the lead, your organisation must be one of the following UK registered:

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

Each partner organisation must be invited into the Innovation Funding Service (IFS) by the lead to collaborate on a project. Once partners have accepted the invitation, they will be asked to login or to create an account in IFS. They are responsible for entering their own project costs and completing their Project Impact questions in the application.

To be an eligible collaboration, the lead and at least one other organisation must apply for funding when entering their costs into the application. If the lead is an RTO they must apply for funding with at least 2 UK registered businesses.

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Compliance with the UK Subsidy Control Act 2022

The Subsidy Control Act represents a development of the UK subsidy control regime that came into effect at the end of 2020 as part of the implementation of the UK's commitments in the EU-UK Trade and Cooperation Agreement (TCA), this was officially recognised in April 2022. Please see the Subsidy Control Act Legislation : https://www.legislation.gov.uk/ukpga/2022/23/enacted and https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1117122/uk-subsidy-control-statutory-guidance.pdf .

The set rules (typically GBER) which we previously relied on for the limits of what we could award, have now been replaced by internal decisions based on the new Subsidy Control Act 2022, and on policy, which will in turn set out bespoke eligibility requirements for each funding opportunity.

Innovate UK is offering funding for this competition in line with the UK's obligations and commitments to the Subsidy Control Act 2022. To ensure that Innovate UK remains compliant with the UK's international Subsidy Control Act 2022 duties in respect of:
- the EU-UK Trade and Cooperation Agreement;
- Article 10 of the Northern Ireland Protocol (successful applicants which are affected by the Northern Ireland Protocol 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 Act 2022 - this will be reflected in the terms and conditions of any award.

Due Diligence

Under the Subsidy Control Act 2022, 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 Northern Ireland Protocol

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 Northern Ireland protocol, 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.

Eligibility Criteria: Research Categories

The Research Categories for this competition are Feasibility Studies and Industrial Research.

If your organisation's work on the project is commercial or economic, your funding request must not exceed the limits below. These limits apply even if your organisation normally acts non-economically but for the purpose of this project will be undertaking commercial or economic activity.

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 general guidance on what our research categories are please visit:
https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/categories-of-research-and-development/#contents-list

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Example:
If your company's total project costs are £500k:
- *your grant amount will be £350k if you are a micro or small organisation*
- *your grant amount will be £300k if you are a medium-sized organisation*
- *your grant amount will be £250k if you are large organisation*

Eligibility Criteria: Research Participation

The research organisations undertaking non-economic activity as part of the project can share up to 30% of the total eligible project costs. If your consortium contains more than one research organisation undertaking non-economic activity, this maximum is shared between them. Of that 30% you could get funding for your eligible project costs of up to:

- 80% of full economic costs (FEC) if you are a Je-S registered institution such as an academic
- 100% of your project costs if you are an RTO, charity, not for profit organisation, public sector organisation or research organisation

Non-funded Partners

Your project can include partners that do not receive any of this competition's funding, for example non-UK businesses. Their costs will count towards the total project costs.

Subcontractors

- Subcontractors are allowed in this competition.

- Subcontractors can be from anywhere in the UK and you must select them through your usual procurement process.

- You can use subcontractors from overseas but must make the case in your application as to why you could not use suppliers from the UK.

- You must provide a detailed rationale, evidence of the potential UK contractors you approached and the reasons why they were unable to work with you. We will not accept a cheaper cost as a sufficient reason to use an overseas subcontractor.

- All subcontractor costs must be justified and appropriate to the total project costs.

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Making more than one application

- A business can only lead on one application but can be included as a collaborator in a further 2 applications.

- If the lead organisation is an RTO it must collaborate with at least 2 businesses.

- If an organisation is not leading any 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:	**Monday 18th September**
Briefing Event:	**Monday 18th September 2023**
Submission Deadline:	**11am on Wednesday 1st November 2023**
Applicants Informed:	**Monday 18th December 2023**

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Q&A

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Innovation Funding Service (IFS)

Search for a funding competition and review criteria

Innovation competitions

Filter competitions

Keywords

quantum

Innovation area

Any ▾

Update results

3 competitions

Scalable Quantum Network Technologies: Collaborative R&D

UK registered businesses can apply for a share of up to £10 million for projects that address technological barriers in the commercialisation and adoption of quantum network technologies. 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
- carry out its project work in the UK
- intend to commercially exploit the project results from the UK

Open now
Opened: 18 September 2023
Closes: 1 November 2023

Funding competition

Scalable Quantum Network Technologies: Collaborative R&D

UK registered businesses can apply for a share of up to £10 million for projects that address technological barriers in the commercialisation and adoption of quantum network technologies. This funding is from Innovate UK.

Competition opens: Monday 18 September 2023
Competition closes: Wednesday 1 November 2023 11:00am

Start new application

Or sign in 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 £10 million in innovation projects.

The aim of this competition is to accelerate quantum network technologies by removing technological barriers to their commercialisation and adoption. Your project must identify one or more key technological barriers and propose an innovative project that will address them.

In applying to this competition, you are entering into a competitive process.

This competition closes at 11am UK time on the deadline stated.

Funding type   Grant

Project size   Your project's total costs must be between £1.5 million and £3 million.

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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.

Project Details

- **Application Team**
  Decide which organisations will work with you on your project and invite people from those organisations to help complete the application.
- **Application Details**
  Give your project's title, start date and duration.
- **Research Category**
  Select the type of research you will undertake.
- **Project Summary**
  Describe your project briefly and be clear about what makes it innovative. We use this section to assign the right experts to assess your application.
- **Public Description**
  Describe your project in detail and in a way that you are happy to see published. Do not include any commercially sensitive information. If we award your project funding, we will publish this description. This could happen before you start your project.
- **Scope**
  Describe how your project fits the scope of the competition. If your project is not in scope it will not be sent for assessment. We will tell you the reason why.
- **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.
- **EDI Survey**
  This must be completed by all participants.

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Project Impact Questions

- Each organisation in your application will complete the Project Impact questions within the 'Supporting information' section

- The Project Impact questions ask for data about your business and innovation and its contribution to the UK economy, society, and the environment

- Visit the Project Impact guidance page for more information, the types of questions you will be asked and how to get further support

- By providing this data, you are enabling us to better understand the impact of our support. It will help us identify success stories and provide evidence to government and the public of the value of supporting innovative businesses

For more information:

- Watch Our Impact Management Framework video here

- Watch How is the Project Impact data collected? video here

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Application Questions

Detailed guidance is available on IFS

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

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Application Finances

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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

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# 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
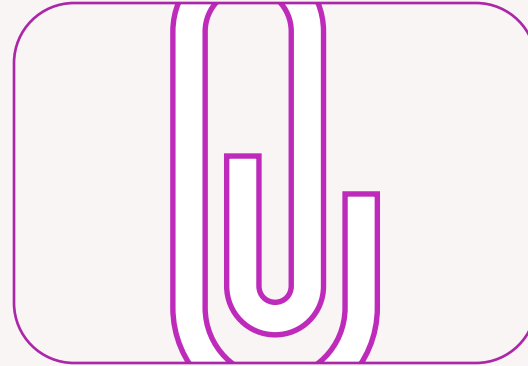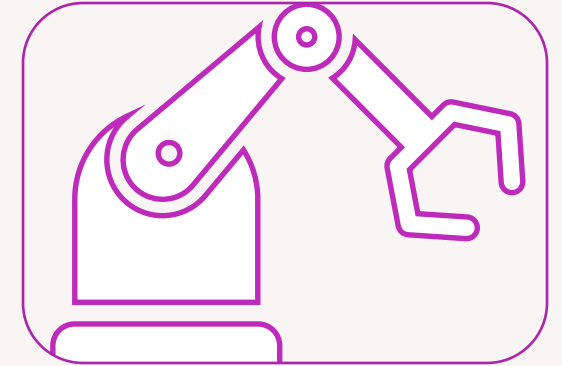- Turks and Caicos Islands

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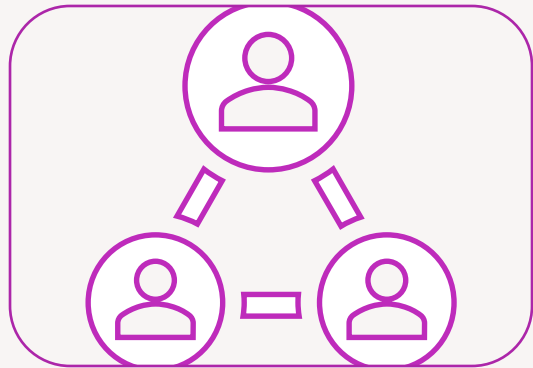
Your Project Cost Categories
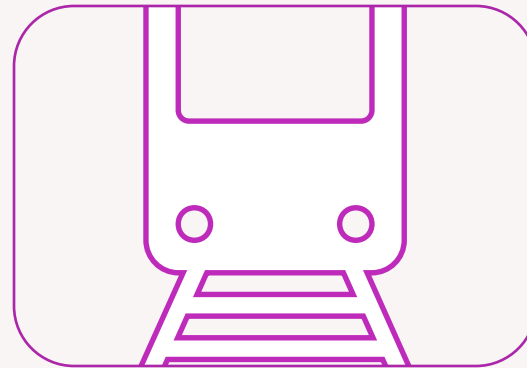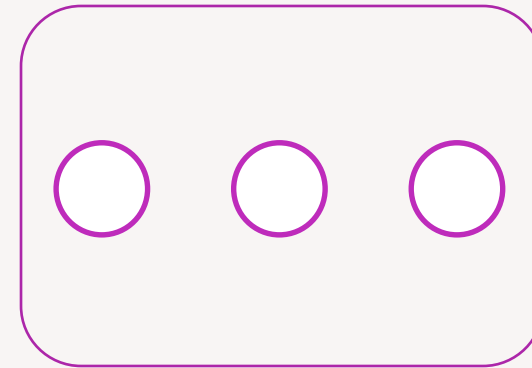
Labour
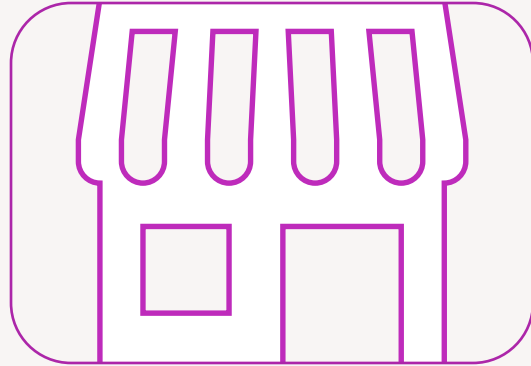
Overheads

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   232

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	
Project Manager	50000	£216	120	£25,862	Remove
	0	£0	0	£0	Remove

Add another role

Total labour costs **£25,862**

Material costs

Costs supported

Off the shelf items via 3rd 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	
Software	1	10000	£10,000	Remove
	0	0	£0	Remove

Add another materials cost

Total materials costs **£10,000**

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Sub-contractors*

Costs supported

Justification required if non-UK supplier chosen

Independent contractor via 3rd 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

*You will be required to provide invoices and a description of work

Travel & 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 (£)	
Travel to robotics labs for testing	12	100	£ 1,200	Remove
monthly project meetings	12	150	£ 1,800	Remove

Add another travel cost

Total travel & subsistence costs   £ 3,000

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*You will be required to provide vouchers, tickets and invoices and ** must provide number of people travelling, the destination and purpose of visit

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

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 (£)**

                                                                          0

Add another cost

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

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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.

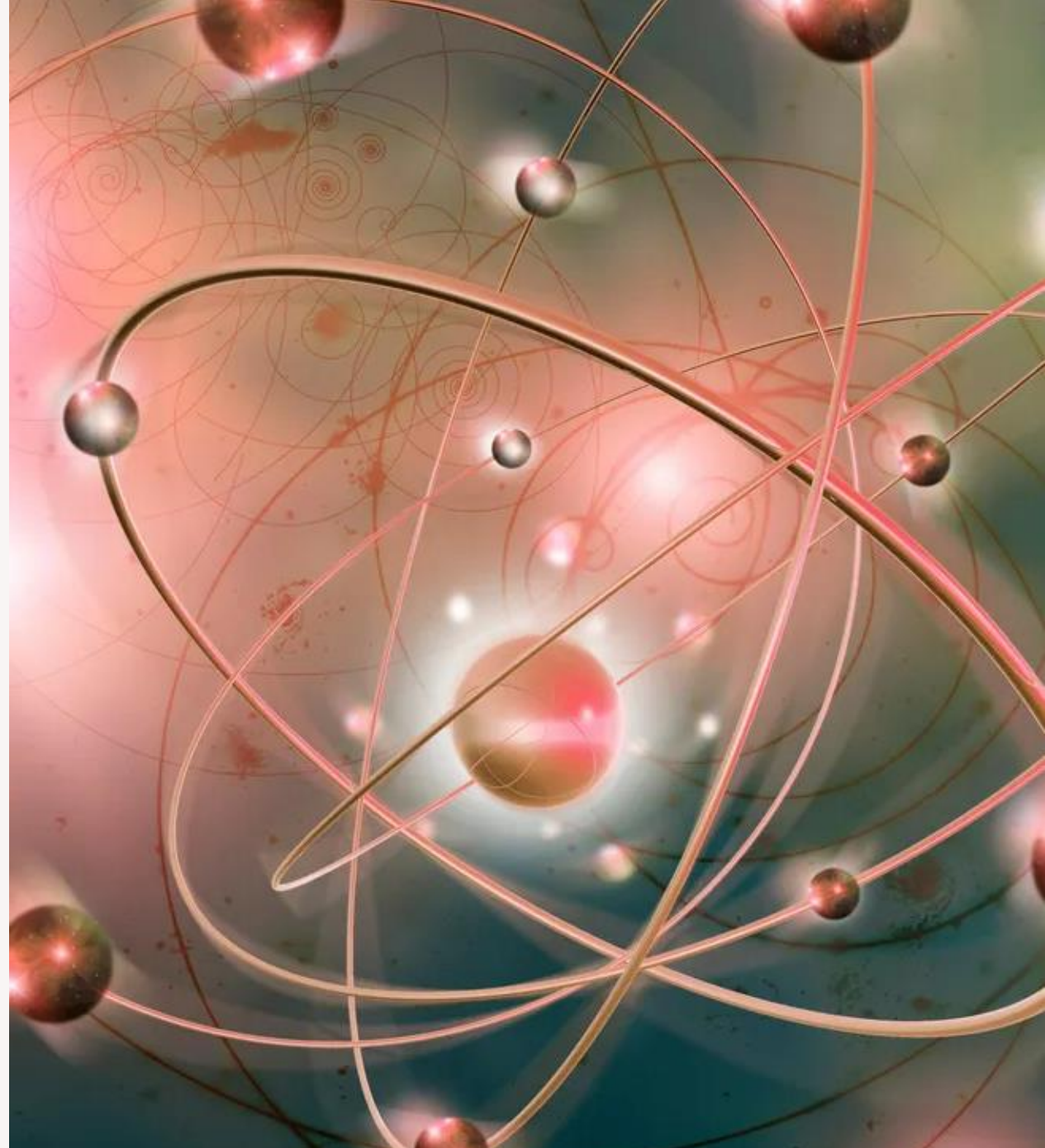**Any queries, contact Je-S Helpdesk (not Innovate UK)**

- jeshelp@je-s.ukri.org
- 01793 444164

TSB reference
This number is found at the top of your Je-S form

My REF

Financial resources
Please enter the following costs from the summary of resources section on your Je-S form

Directly incurred	TSB Contribution (please refer to the TSB contribution column)
Staff	11
Travel & subsistence	22
Other costs	33
Subtotal	£ 66

Directly allocated	
Investigators	44
Estates Costs	55
Other costs	66
Subtotal	£ 165

Indirect costs	77

Exceptions	
Staff	88

Submitting your application

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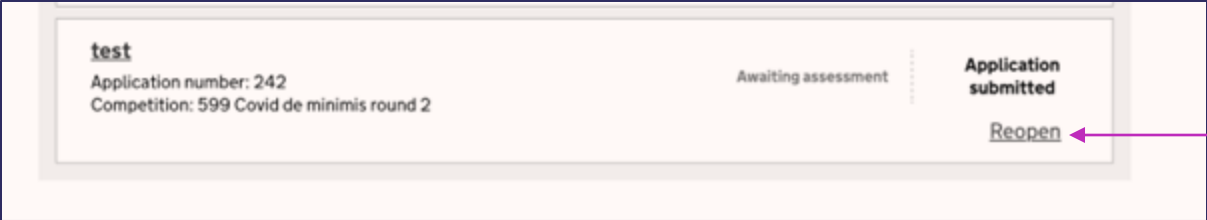This application cannot be submitted unless finances have been marked as complete by all partners.

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

All organisations need to have marked their finances as complete before you can submit.

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

IFS DOES NOT VALIDATE TOTAL PROJECT COSTS

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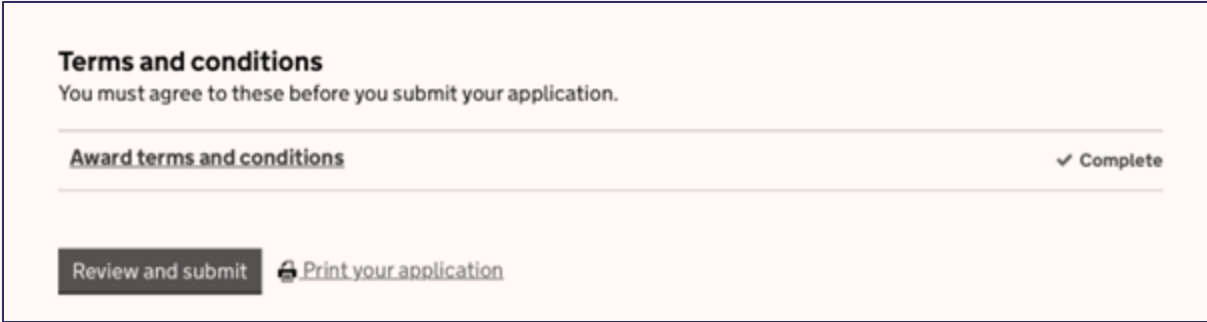
Editing a submitted application

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

Awaiting assessment | **Application submitted**

Reopen

Reopen by clicking here

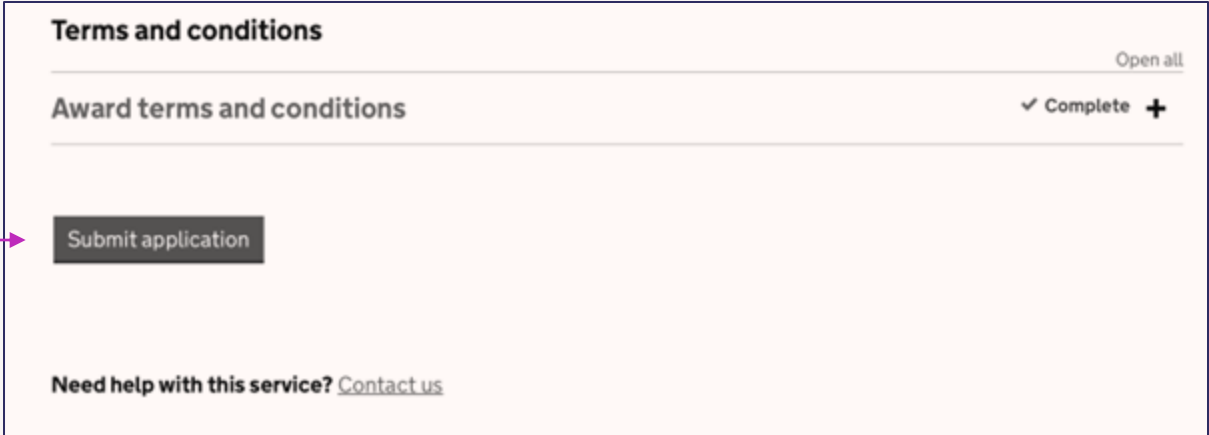**Terms and conditions**
You must agree to these before you submit your application.

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 ➕

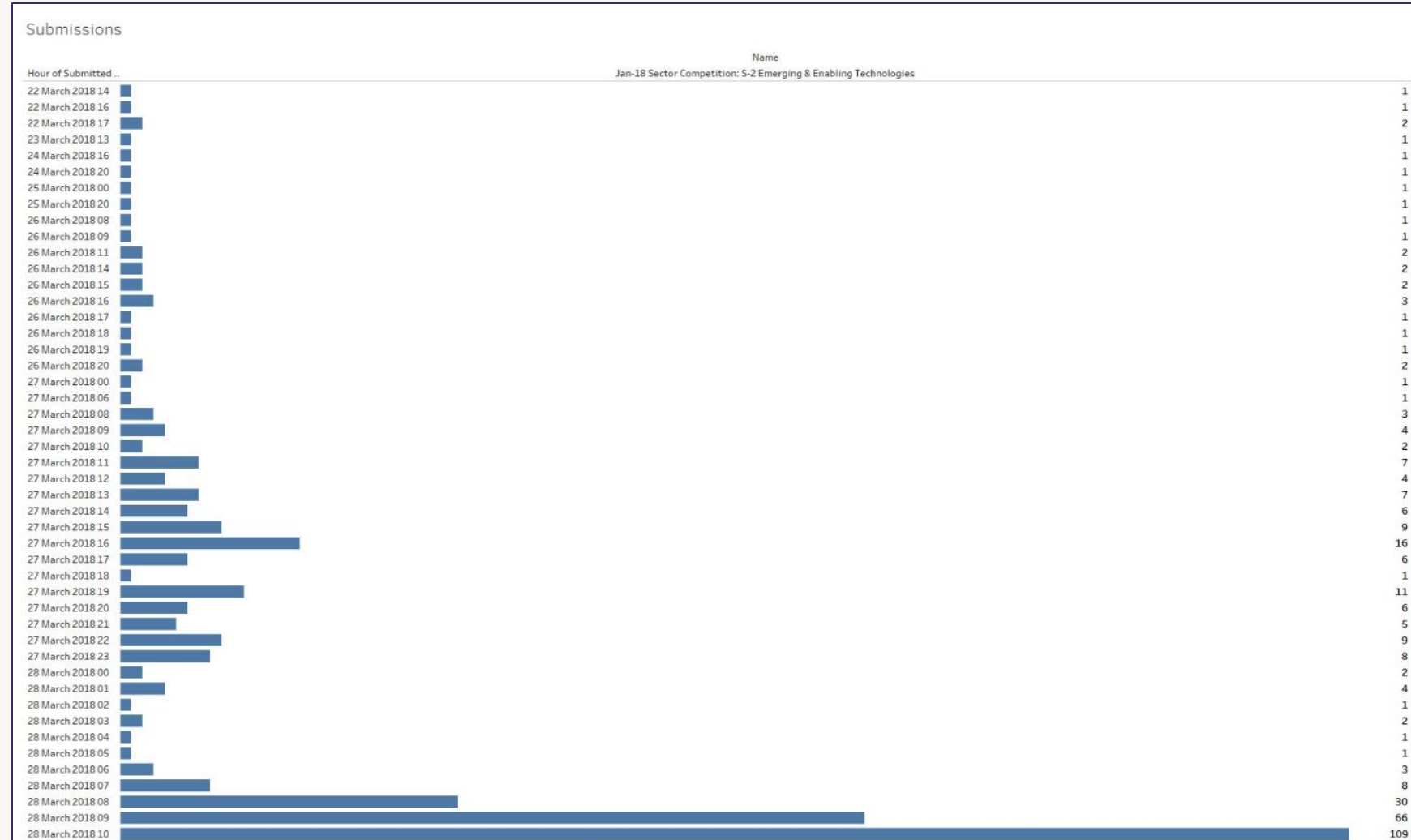Submit application

Need help with this service? Contact us

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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.

Submissions

Name
Jan-18 Sector Competition: S-2 Emerging & Enabling Technologies

Hour of Submitted ..	
22 March 2018 14	1
22 March 2018 16	1
22 March 2018 17	2
23 March 2018 13	1
24 March 2018 16	1
24 March 2018 20	1
25 March 2018 00	1
25 March 2018 20	1
26 March 2018 08	1
26 March 2018 09	1
26 March 2018 11	2
26 March 2018 14	2
26 March 2018 15	2
26 March 2018 16	3
26 March 2018 17	1
26 March 2018 18	1
26 March 2018 19	1
26 March 2018 20	2
27 March 2018 00	1
27 March 2018 06	1
27 March 2018 08	3
27 March 2018 09	4
27 March 2018 10	2
27 March 2018 11	7
27 March 2018 12	4
27 March 2018 13	7
27 March 2018 14	6
27 March 2018 15	9
27 March 2018 16	16
27 March 2018 17	6
27 March 2018 18	1
27 March 2018 19	11
27 March 2018 20	6
27 March 2018 21	5
27 March 2018 22	9
27 March 2018 23	8
28 March 2018 00	2
28 March 2018 01	4
28 March 2018 02	1
28 March 2018 03	2
28 March 2018 04	1
28 March 2018 05	1
28 March 2018 06	3
28 March 2018 07	8
28 March 2018 08	30
28 March 2018 09	66
28 March 2018 10	109

Assessment

1	**How do our assessors assess?** Innovate UK · 2.9K views · 1 year ago 2:33
2	**How are successful applications selected for funding?** Innovate UK · 9.2K views · 1 year ago 2:39
3	**What steps are there before a project starts?** Innovate UK · 4.3K views · 1 year ago 3:45
4	**How are successful projects monitored?** Innovate UK · 1.9K views · 1 year ago 2:20
5	**How successful applicants receive their funding.** Innovate UK · 1.8K views · 1 year ago 2:51

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How our Assessors assess?

All eligible applications are assessed by an independent **pool** of assessors drawn from industry and academia.

We require our assessors to maintain confidentiality and declare any conflicts of interest, ensuring a fair and transparent process.

Assessors are unable to contact you regarding your application content. Therefore, your application should contain:
- a justification for a viable opportunity for growth and a level of innovation that necessitates public investment
- clear and concise answers
- the right amount of information
- no assumptions

We recommend you review the competition brief and guidance for help.

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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

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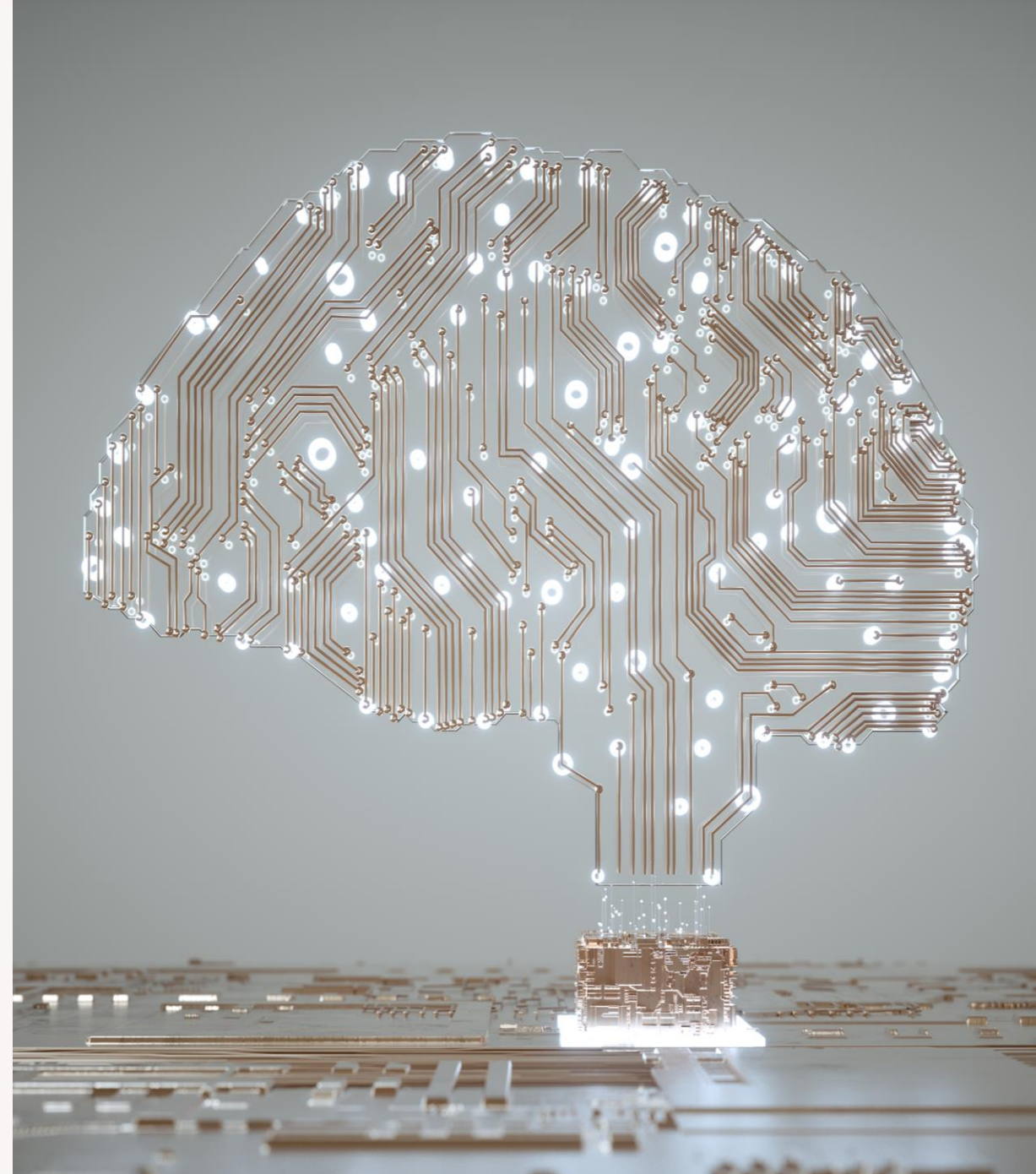
Notification

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.

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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.

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Additional Support

Innovate UK EDGE

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

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Innovate UK EDGE

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

Equality, Diversity & Inclusion

- We are on a mission to embed Equality, Diversity, and Inclusion in everything we do, internally and externally.

- We believe that great ideas can, and do, come from anyone and everyone.

- We know that diversity and inclusion in businesses contributes to enhanced innovation, satisfaction, performance, and ultimately, commercial success.

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Available Support

- We welcome and encourage applications from people of all backgrounds and are committed to making our application process accessible to everyone.

- This includes providing support for people who have a disability or long-term condition and face barriers applying to us.

- So, if you would like any support, please contact our Customer Support Service Team on **support@iuk.ukri.org**

  or at **0300 321 4357**.

What to Expect

1.

Contact our Customer Support Services Team as early as possible – we suggest at least 15 working days before the deadline

2.

Complete a request form which will be sent to our partner Diversity & Ability (D&A)

3.

D&A will conduct a Discovery Conversation with you and make reasonable adjustments recommendations

4.

D&A will organise and deliver bespoke reasonable adjustments for and with you

5.

Submit your application – please do so well ahead of the deadline as extensions cannot be provided

UKRI Innovate UK

D&A Diversity and Ability

Q&A

Innovate UK

Contact

Customer Support Services

0300 321 4357 (Monday - Friday 9-5pm)

support@iuk.ukri.org

Innovate UK
ukri.org/councils/innovate-uk

Innovate UK KTN
iuk.ktn-uk.org

Innovate UK EDGE
innovateukedge.ukri.org

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