

# UK Privacy Enhancing Technologies Challenge Prize

4<sup>th</sup> August 2022

Centre for  
Data Ethics  
and Innovation



InnovateUK  
KTN

# Agenda

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<b>10:00</b>	<b>Welcome – Andy Curtis, (Innovate UK KTN) (10 mins)</b>
<b>10:10</b>	<b>David Buckley : Centre for Data Ethics and Innovation : Themes and background to the competition, rationale for competition, US partnership. (20 mins)</b>
<b>10:30</b>	<b>Sarah Wellard : Innovate UK : Scope, eligibility and portfolio approach(15 mins)</b>
<b>10:45</b>	<b>Rachael Evans : Innovate UK: Key dates and IFS application system overview (20 mins?)</b>
<b>11:20</b>	<b>Q&amp;A Moderation by Andy Curtis and all. Additional contributions by Mark Elliott, Innovate UK (15 mins)</b>
<b>11:40</b>	<b>Wrap Up: Andy Curtis</b>

# Privacy-Enhancing Technologies

PRIZE CHALLENGE

## Competition Briefing

4th August 2022

[petsprizechallenges@cdei.gov.uk](mailto:petsprizechallenges@cdei.gov.uk)

## Who we are

The Centre for Data Ethics and Innovation (CDEI) is an advisory body set up by the UK Government and led by an **independent board of experts**.

It is tasked with identifying the measures we need to take **'to maximise the benefits of data and Artificial Intelligence (AI) for our society and economy'**.

The CDEI has a unique mandate to **advise government** on these issues, drawing on expertise and perspectives from across society.

## Why PETs?

Privacy-enhancing technologies (PETs) have the potential to help us devise data-driven, innovative solutions to **tackle the most pressing global societal challenges we're facing, while preserving citizens' fundamental right to privacy**, which constitutes a foundation for democratic societies.

By enabling organisations to share and collaboratively analyse sensitive data in a privacy-preserving manner, PETs open up **unprecedented opportunities to harness the power of data** through innovative and trustworthy applications.

# Why privacy-preserving federated learning?

- Office hour sessions and targeted engagement with SMEs in early 2022 identified opportunity for meaningful innovation in PPFL:
  - Existing deployments of federated learning solutions most often do not truly protect confidentiality of data across the full ML lifecycle
  - Solutions are often bespoke, and not easily adaptable to different ML algorithms, different modalities of data, or different use cases
- **Opportunity:** encourage innovation that brings about efficient, performant, and adaptable federated solutions, that provide privacy guarantees across the ML lifecycle

## Technical goals

- **Drive innovation** in the technological development and application of novel PETs
- **Deliver strong end-to-end privacy guarantees** against a set of common threats and privacy attacks, leveraging a combination of input and output privacy techniques
- **Develop a privacy-preserving solution** that is capable of efficiently generating high-utility machine learning models for one of two predefined use-cases in finance and public health

## Financial Crime use case

This use case is focused on enhancing cross-organisation and cross-border data access, supporting efforts to combat money laundering and other financial crime. The scale of the problem is vast: the UN estimates that US\$800-2000bn is laundered each year, representing 2-5% of global GDP.

Solutions will leverage FL to enable analysis on synthetic datasets representing data held by the SWIFT payments network and datasets held by partner banks.

Solutions will train a model to identify anomalous transactions, whilst preserving the confidentiality of various sensitive fields in the datasets.

## Public Health use case

This use case is focused on enabling privacy-preserving access to health and mobility data in order to improve forecasting related to public health emergencies, and there by bolster response capabilities for future emergencies, including pandemics.

Solutions will leverage FL to enable analysis on data partitioned across multiple federation unit, which in the real world could be different hospitals, health districts etc.

Solutions will train a model to predict an individual's risk to infection, whilst preserving the confidentiality of their health, demographic, and mobility data.

## Technical constraints

- Solutions may not leverage specialised or bespoke hardware - all solutions will be deployed to a common infrastructure for phase 2 evaluation
- Though the focus is federated learning, any combination of PETs (e.g. SMPC, differential privacy) can be leveraged to enable privacy-preservation
- There are no constraints on what software is used by the solutions

# Evaluation

- Phase 1 white papers will be evaluated by a panel of independent assessors, according to the criteria provided in the technical briefs
- Phase 2 solutions will be evaluated through a combination of quantitative measurements and qualitative assessments of various aspects of the solution
  - High-level Phase 2 evaluation criteria are provided in the technical briefs. A more detailed Evaluation Methodology paper will be provided to participants prior to the commencement of Phase 2 solution development

# Challenge structure



## White paper

You will develop a technical white paper that describes your proposed approach



## Solution development

You will build and develop the solution proposed in your white paper



## Red Teaming

The top solutions will be tested by competing red teams

# Support to participants

- Funding
- Opportunities to engage with:
  - UK Information Commissioner's Office (ICO)
  - UK Financial Conduct Authority (FCA)
  - UK National Economic Crime Centre (NECC)
  - US Financial Crimes Enforcement Network (FinCEN)
  - Other Financial Institutions
  - Data and Analytics Research Environments UK (DARE UK)
  - NHS England
  - US Centers for Disease Control (CDC)
- Technical support and guidance from the SWIFT Innovation Team and UVA-BI team.

# Workshops

**8th August, 16:00 - 17:30:** financial crime context setting session, including FCA, ICO, FinCEN

**9th August, 15:00 - 16:30:** technical session on the FinCrime use case, led by SWIFT

**10th August, 16:30 - 18:00:** technical session on the FinCrime use case, led by SWIFT

**11th August, 15:00 - 16:30:** technical session on the public health use case, led by UVA

Sessions will be recorded and available to view by prospective participants

**Thank you**

Contact: [petsprizechallenges@cdei.gov.uk](mailto:petsprizechallenges@cdei.gov.uk)

**Privacy-Enhancing  
Technologies**  
PRIZE CHALLENGE



Innovate  
UK

# Welcome





# UK Privacy Enhancing Technologies Challenge Prize

Dr Sarah Wellard  
Innovation Lead – Digital Ethics  
[Sarah.Wellard@iuk.ukri.org](mailto:Sarah.Wellard@iuk.ukri.org)



# Competition Eligibility

# Competition Eligibility: Funding

- Up to £700,000 has been allocated to fund innovation projects.
- Up to 10 £10,000 awards will be awarded for the best solutions from phase 1 to help grow their organisation.
- If you are invited to phase 2 you can request up to £50,000 to develop your solution against a synthetic dataset provided by the organisers.
- If you would like access to synthetic datasets referenced in the technical brief, you must request this by emailing [support@iuk.ukri.org](mailto:support@iuk.ukri.org) with your application number once you have started your application.

## Competition eligibility: phase 2

- If successful and invited, your phase 2 project must:
- Have total costs of up to £50,000
- Start by 25 October 2022
- End by 24 January 2023
- Last up to 3 months
- Carry out the majority of its project work in the UK
- Intend to exploit the results from or in the UK
- You can only claim for eligible project costs  
[https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/costs-we-fund/costs-guidance-for-non-academic-organisations/?\\_ga=2.66054382.1588892959.1658997531-97573999.1641980989](https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/costs-we-fund/costs-guidance-for-non-academic-organisations/?_ga=2.66054382.1588892959.1658997531-97573999.1641980989) for your phase 2 projects
- If your total project's costs or duration falls outside of our eligibility criteria, you must provide justification by email to [support@iuk.ukri.org](mailto:support@iuk.ukri.org) at least 10 working days before the competition closes.

## Competition Eligibility: Lead organisations

- Your Lead Organisation must be UK registered:
  - business of any size
  - academic institution
  - charity
  - not for profit
  - public sector organisation
  - research and technology organisation (RTO)
- Our funding rules [https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/funding-rules/?\\_ga=2.59041901.1588892959.1658997531-97573999.1641980989#contents-list](https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/funding-rules/?_ga=2.59041901.1588892959.1658997531-97573999.1641980989#contents-list) will give you more information on organisation types.

## Competition Eligibility:

## 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.

## Competition Eligibility continued:

- **Number of applications:**
- Your organisation can lead on one proposal & you can only receive funding for one successful proposal.
- **Previous applications**
- Given the specific nature of this challenge a previously submitted application cannot be used to apply for this competition (though participants are welcome to reuse relevant background details from previous applications).
- **We will not award you funding if you have:**
- Failed to exploit a previously funded project
- An overdue independent accountant's report
- Failed to comply with grant terms and condition

## Minimal Financial Assistance (and De minimis where

- If Grant funding in this competition is awarded as Minimal Financial assistance (MFA). This allows public bodies to award up to £315,000 to an enterprise in a 3-year rolling financial period.
- In your application, you will be asked to declare previous funding received by you. This will form part of the financial checks ahead of Innovate UK making a formal grant offer.
- If you are unsure about your obligations under the UK's International Obligations to Subsidy Control or the De minimis rules, you should take independent legal advice. We cannot advise on individual eligibility or your legal obligations.
- [support@iuk.ukri.org](mailto:support@iuk.ukri.org)



# Introduction to Competition Scope





The aim of this competition is to develop innovative privacy-preserving solutions that address one or both of the specific challenge use cases in financial crime or public health.

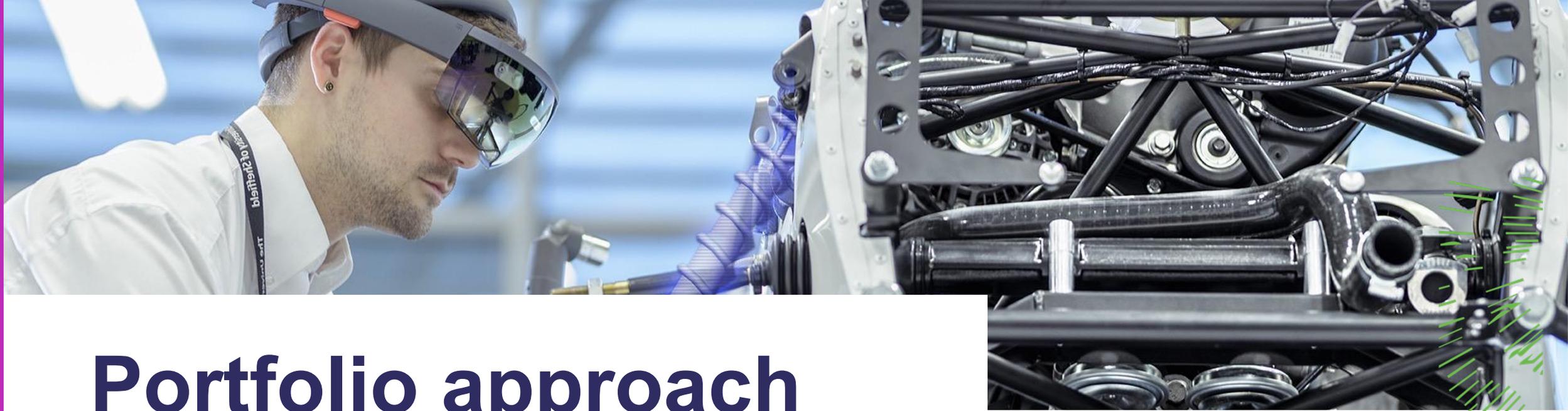
- You must develop privacy-preserving federated learning solutions that:
  - Use a combination of input and output privacy techniques
  - Demonstrate the ability to protect privacy against a set of defined attacks and threat models
  - Effectively accomplish a set of analytical or predictive tasks specified in the use case provided



# What are we looking for?

*We encourage projects that:*

- Display a high degree of novel innovation
- Rigorously describe how their solution will provide guarantees of privacy appropriate to the use case.
- Consider how their solution, or a future version of it, could be applied in a production environment.



# Portfolio approach

We want to fund a variety of projects across different technologies, markets, technological maturities and research categories. We call this a **portfolio approach**

[https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/what-happens-after-you-have-submitted-your-application/?\\_ga=2.124251338.1588892959.1658997531-97573999.1641980989#contents-list](https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/what-happens-after-you-have-submitted-your-application/?_ga=2.124251338.1588892959.1658997531-97573999.1641980989#contents-list)

# Eligibility criteria



# Minimal Financial Assistance (previously Special Drawing Rights) or De Minimis

Grant funding in this competition is awarded as minimal financial assistance (MFA). This allows public bodies to award up to £315,000 to an enterprise in a 3-year rolling financial period.

To establish your eligibility, we need to check that our support added to the amount you have previously received does not exceed the limit of £315,000 in the 'applicable period'.

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

In your application, you will be asked to declare previous funding received by you. This will form part of the financial checks ahead of Innovate UK making a formal grant offer.

# Due diligence

We will carry out financial health checks and going 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.

## 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 are set out in the [European Commission Recommendation of 6 May 2003](#).

# Application Questions

Detailed guidance available on IFS

Application form		Appendix?
Question 1	Applicant location (unscored)	No
Question 2	Minimal Financial Assistance declaration (not scored)	Template to complete
Question 3	Specific themes (not scored)	No
Question 4	Whitepaper 80%	Yes – Mandatory
Question 5	Innovation Portfolio	No
Question 6	Team and resources	No
Question 7	Costs and value for money	No
Question 8	Project outcomes	No
Question 9	Project management	No
Question 10	Added value	No

# Minimal Financial Assistance (MFA) declaration form

## Declaration statement

I confirm that I **have not** received any funding in the applicable period as defined above. *(Please check the box if applicable and move to Recipient Acknowledgments.)*

or

I confirm that I **have** received the following funding in the applicable period as defined above. *(Please check the box if applicable and complete the table below.)*

## DECLARATION:

I believe that the facts stated in this Declaration are true. I understand that legal proceedings for false and inaccurate declarations may be brought against anyone who makes, or causes to be made, a false statement in a document verified by a statement of truth without an honest belief in its truth.

Company	
Applicant Name	
Signature	
Date	

False declarations will result in withdrawal of the offer made by the Authority. If an award is made to you based on false information, the Authority has the right to recover funding in full.

A	B	C	D
<b>Body who provided the funding</b> <i>(Who awarded you the funding?)</i>	<b>Funding Amount received in GBP</b>	<b>Funding Amount received in Euros</b> <i>(only use this column to declare your conversion of the De minimis funding you previously received in euros)</i>	<b>Date awarded</b>



Innovate  
UK

# Key Dates

Timeline	Dates
Competition Opens	20 July 2022
Briefing Event	4 August 2022
Submission Deadline	19 September 2022, 11:00
Applicants informed	24 October 2022



# **Innovation Funding Service (IFS)**

# Search for a funding competition and review criteria

### Innovation competitions

Filter competitions **1 competition**

Keywords

Innovation area

[Update results](#)

[UK Privacy Enhancing Technologies Challenge Prize](#)

UK registered organisations can apply for a share of up to £700,000 to develop innovative privacy solutions to two real world challenge use cases.

**Eligibility**  
This competition is open to single applicants only.

To lead a project your organisation must be a UK registered:

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

**Open now**  
Opened: 20 July 2022  
Closes: 19 September 2022

### [UK Privacy Enhancing Technologies Challenge Prize](#)

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Closes: 19 September 2022

Funding competition

### UK Privacy Enhancing Technologies Challenge Prize

UK registered organisations can apply for a share of up to £700,000 to develop innovative privacy solutions to two real world challenge use cases.

**Competition opens:** Wednesday 20 July 2022  
**Competition closes:** Monday 19 September 2022 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 work with the Centre for Data Ethics and Innovation (part of the Department for Digital, Culture, Media and Sport) to run a Privacy Enhancing Technologies Challenge. This is part of an aligned programme with the US National Science Foundation, the White House Office of Science and Technology Policy, and the National Institute of Standards and Technology.

The aim of this Challenge is to accelerate the development and adoption of privacy-preserving federated learning approaches, and build trust in their adoption.

# 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.



GOV.UK Innovation Funding Service

BETA This is a new service – your [feedback](#) will help us to improve it.

◀ Back

Create your account

### Your organisation

**i** Your organisation must be UK based to receive funding from Innovate UK

**Business**

**Find your organisation on Companies House**  
Enter your organisation name or registration number

**Companies House search results**  
Select your organisation from the options below

[NOMENSA LTD](#)  
04214477 - Incorporated on 10 May 2001  
13 Queen Square, Bristol, BS1 4NT

GOV.UK Innovation Funding Service

BETA This is a new service – your [feedback](#) will help us to improve it.

◀ Back

## Please sign in or create an account

**Used this service before?**  
Please sign into your Innovation Funding Service account.

**New to this service?**  
If you haven't used the new Innovation Funding Service before you will need to create an account.

Innovation Funding Service

## Sign in

Email address  
Please enter your email address.

Password  
Please enter your password.

▼ [Need help signing in or creating an account?](#)

**My email and/or password isn't working**

If you applied previously using the old service, you will need to create a new account.

[Forgotten your password?](#)

# 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. All team members and Lead applicants must complete the Equality, Diversity and Inclusion survey embedded in IFS as part of your application.
- **Application Details** - Title, timescales, 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 be ineligible for funding

# 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

# Labour

## Eligible:

- staff working directly on project
- paid by PAYE
- NI, pension, non-discretionary costs

## Ineligible:

- dividends
- bonuses
- non productive time
- overtime

## 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**

# Overheads

## Innovate UK's definition

Additional costs and operational expenses incurred directly as a result of the project. These could include additional costs for administrative staff, general IT, rent and utilities

## Indirect (administration) overheads

Please ensure they are additional and directly attributable to the delivery of the project

## Direct overheads

- e.g. office utilities, IT infrastructure, laptop provision not covered by capital usage
- must be directly attributable to the project
- provide detailed breakdown together with methodology/basis of apportionment

### 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

# Material costs

Please be clear on what the materials are, just putting consumables does not provide enough detail.

If insufficient information is provided, we will request more information should you be successful which may delay your project start date.

**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**

# Capital equipment usage

## Eligible:

Used in the project or shared with day-to-day production.

Calculations will need to be in line with your accounting practices.

Even if the equipment is depreciated fully over the life of the project this must be added under capital equipment.

**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**

# Subcontractors

Justified and quantified.

If non-UK subcontractors are being used, you will need to provide strong justification on why an UK-based subcontractor is not being used.

If you are subcontracting to a parent or sister company, please ensure you list at cost and do not include profit.

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

## Eligible:

Costs must be directly linked to the project.

Please breakdown your costs as follows:

- Travel
- Accommodation
- Subsistence

If you have an annual trip to visit the parent company this is not an eligible cost.

Travel and subsistence				£ 3,000 ▲		
Purpose of journey or description of subsistence cost				Number of times	Cost each (£)	Total (£)
Travel to robotics labs for testing	12	100	£ 1,200	<a href="#">Remove</a>		
monthly project meetings	12	150	£ 1,800	<a href="#">Remove</a>		
<a href="#">Add another travel cost</a>						
Total travel & subsistence costs						£ 3,000

# Other costs

Costs that could not be added under previous headings

Do not double count

Patent filing costs for new IP – SMEs

## 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 (£)

[Add another cost](#)

# Project cost summary

## Project cost breakdown

	Total	Labour	Overhead costs	Materials	Capital usage	Subcontracting costs	Travel and subsistence	Other costs
<b>Barry Shaw Experts Ltd</b> Partner	<b>£230,162</b>	£84,052	£16,810	£90,550	£0	£35,000	£3,750	£0
<b>EMPIRE LTD</b> Lead organisation	<b>£331,442</b>	£222,414	£44,483	£11,750	£13,000	£36,795	£3,000	£0
<b>University of Bath</b> Partner	<b>£19,762</b>	£8,104	£5,731	£412	£0	£0	£504	£5,011
<b>Total</b>	<b>£581,366</b>	£314,570	£67,024	£102,712	£13,000	£71,795	£7,254	£5,011

This is the level of cost detail that the assessors will see during the assessment process.

Ensure the highlighted costs fits the criteria for this competition with a maximum total grant of **up to £50,000**

# 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



# 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

IFS DOES NOT VALIDATE 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.



# Assessment



# How do our assessors assess?

[www.innovateuk.org](http://www.innovateuk.org)

0200 371 4157



# How are successful applications selected for funding?

[www.innovateuk.gov.org](http://www.innovateuk.gov.org)

0200 321 4857



# 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 **monthly** in arrears and are only paid following **monthly** 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 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*

# 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



# Innovate UK EDGE

Business  
growth  
for  
innovative  
companies



# A great idea can come from anyone

- Diversity in businesses contributes to enhanced performance and commercial success
- We welcome and encourage applications from people of all backgrounds and are committed to making innovation support more visible, accessible, and inclusive.
- We can provide support for people who have a disability or long-term condition and face barriers applying to us
- If you would like any support or advice, please contact Customer Support Service on 0300 321 4357 or [support@iuk.ukri.org](mailto:support@iuk.ukri.org)



# Q&A



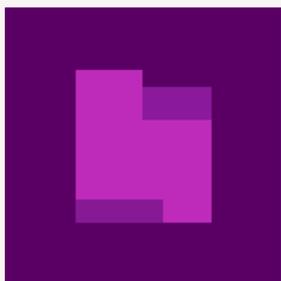
Innovate  
UK

# Contact

## Customer Support Services

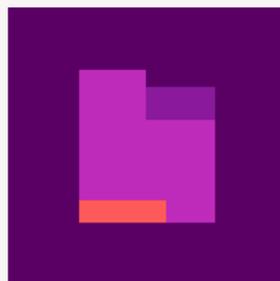
0300 321 4357 (Monday - Friday 9-5pm)

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



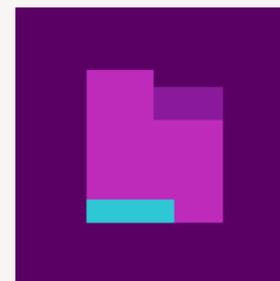
**Innovate UK**

[ukri.org/councils/innovate-uk](https://ukri.org/councils/innovate-uk)



**Innovate UK KTN**

[ktn-uk.co.uk](https://ktn-uk.co.uk)



**Innovate UK EDGE**

[innovateukedge.ukri.org](https://innovateukedge.ukri.org)

# Thank You

