



Innovate  
UK

# Canada-UK: Biomanufacturing of Biologics and Advanced Therapies

Applicant briefing

Date: **16 May 2024**

**The webinar will start at 2pm UK time.**

- We are currently on mute, whilst waiting for more people to join
- We will conduct a sound check before the briefing starts
- The briefing will be recorded and available for you



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# Agenda

Section of the briefing	Speaker
Welcome	<b>Steph Armitage</b> , Competition Manager, Innovate UK
Funding objective	<b>Mark Talford</b> , Deputy Director Medicines Manufacturing, Innovate UK <b>Bryan Dalphy</b> , Deputy Director, Office of Life Sciences and Biomanufacturing Readiness, Innovation, Science and Economic Development Canada
Scope, funding, consortium makeup and matchmaking	<b>Rachel Harris</b> , Innovation Lead, Medicines Manufacturing, Innovate UK <b>Paul McVeigh</b> , Industrial Technology Advisor, National Research Council of Canada
Scope Q&A	All
How to apply	<b>Steph Armitage</b> , Competition Manager, Innovate UK
Process Q&A	All

# 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.





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# Funding objective

# Biomanufacturing – UK policy context

Life sciences innovation a key part of UK strategy



Continued support for Medicines Manufacturing innovation

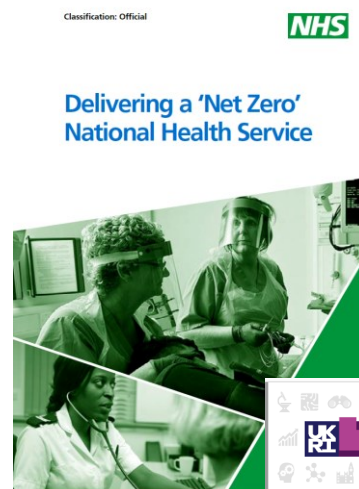
Sustaining UK position in novel vaccine discovery, development and manufacturing



Critical Technologies in AI, engineering biology are relevant to health and life sciences



A prioritised and varied set of science and technology-based international Partnerships defined by mutually beneficial objectives.



Net zero medicines supply by 2040 through measures including improvements in production



Biomanufacturing a core element of Innovate UK Healthy Living and Agriculture domain activity





# The Life Sciences Vision (2021)



- “...drive a renaissance in UK manufacturing over the next decade.” In areas where the UK has strength in discovery and early development – Cell and Gene Therapies, oligonucleotides, viral vectors
- “Supporting the development and deployment of green manufacturing technologies...”
- Innovative Licencing and Access Pathway (ILAP) – “The ambition of this new licensing and access pathway is to reduce the time to market for innovative medicines.”
- Addressing the great healthcare challenges
  - Including neurodegeneration and dementia, diagnosis and immune therapy for cancer, cardiovascular disease, respiratory disease



# **Biomanufacturing and Life Sciences**

## **Canada's Biomanufacturing and Life Sciences Strategy**

May 16<sup>th</sup>, 2024

# CANADA-UK PARTNERSHIP: WORKING TOGETHER



On June 8th, Canada and the United Kingdom (U.K.) signed a Memorandum of Cooperation (MOC) that committed each jurisdiction to a series of defined steps to support and advance each country's biomanufacturing sector. Under the biomanufacturing MOC, Canada and the U.K. commit to jointly develop and produce initiatives that will focus on several activity streams to support the biomanufacturing sector in both countries.

- Canada and UK have been exploring a bilateral initiative in biomanufacturing since early 2020 – goal to establish an integrated program of work that would support a more comprehensive and enduring partnership, aligned with strategic objectives.
- Innovate UK committed £10M to the initiative, matched by \$16M from ISED, over a five-year time period.
- ISED identified the NRC as the preferred Canadian partner organization to deliver programming of the joint work program, with Innovate UK being the UK funding partner.

## Activity Streams

1. Policy and best practice dialogues
2. Strategic supply chain coordination, collaboration, and dialogue
3. Skills, training, and mobility
4. Facilitated linkages between national labs
5. Business-led collaborative research and development and innovation
6. Business growth and scaling support

## Two (2) calls for business-led proposals, launched June 2023 and May 2024

- Canada and the UK will jointly provide \$12M CAD across both calls for proposals

Calls will support **small & medium-sized enterprises** and consortia members from Canada and UK proposing a joint project in biomanufacturing that *aligns with the Strategy*



# CANADA'S FIVE PILLAR STRATEGY TO REVITALIZE THE SECTOR

## Strategic Objectives

Strengthen Canada's ability to respond to pandemics and other emerging health threats

Promote innovation and economic growth in biomanufacturing and life sciences

### Coordinated Governance

Reports to Ministers of ISI and Health

Vaccine Task Force; Council of Expert Advisors

### Research & the Talent Pipeline

Bioscience Research Infrastructure Fund (\$500M)

Canada Biomedical Research Fund (\$250M)

Talent and Skills

### Companies

Strategic Innovation Fund (\$1B)

Moderna mRNA vaccine facility

### Public Assets

NRC Biologics Manufacturing Centre (\$126M)

Clinical Trial Material Facility (\$44M)

### Regulations & Clinical Trials

Clinical Trials Fund (\$250M)

Enhancing & Modernizing Regulations and Clinical Trials Environment

Interventions

# PROJECT ALIGNMENT WITH THE BIOMANUFACTURING AND LIFE SCIENCES STRATEGY (BLSS)

## Strategic Objectives

Strengthen Canada's ability to respond to pandemics and other emerging health threats

Promote innovation and economic growth in biomanufacturing and life sciences

### Coordinated Governance

Enable rapid decision-making informed by experts; and, ensure investments achieve maximum impact

### Research & Talent Pipeline

Supports research and research infrastructure or talent and skills to ensure a pipeline of highly qualified personnel for the sector

### Companies

Brings new drug candidates, technology platforms, or industrial capacity to Canada's health emergency preparedness

### Public Assets

Strengthens Canada's capabilities and assets to respond to future pandemics and health emergencies and support domestic manufacturing readiness

### Regulations & Clinical Trials

Ensure Canada has a best-in-class regulatory system, world-class expertise, and infrastructure for clinical trials

Canada's 2021 Federal Budget provided **\$2.2 billion in funding** for the domestic biomanufacturing and life sciences sector

## Stage of Application and requirements:

### *Expression of Interest*

- Select the pillar(s) that align with the project (only required to align with **one (1)** pillar)
- Provide a detailed explanation (max. 2000 characters)
- Pass/Fail

### *Full Project Proposal*

- Select the pillar(s) that align with the project (only required to align with **one (1)** pillar)
- Provide a detailed explanation (max. 4000 characters)
- Conduct a self-assessment of alignment with the BLSS
- Evaluated based on responses provided to the BLSS alignment question



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# Scope

Rachel Harris

Innovation Lead

Innovate UK

Paul McVeigh

Industrial Technology Advisor

National Research Council of

Canada

# Canada-UK Biomanufacturing - Objectives

## Objective:

- Enable both countries to be well positioned to respond to future health emergencies through collaborative R&D between UK and Canada by:
  - Building the desired flexibility and technical capabilities for the next generation vaccines and therapeutics
  - Stimulating the development and implementation of innovative technologies in biomanufacturing

## Themes:

- Enabling technologies for biologics and advanced therapeutics
- Delivery systems for proteins and nucleic acids
- Novel biological products



# Canada-UK Biomanufacturing

## – Enabling technologies for biologics and advanced therapeutics

Project must focus on one or more of the following enabling technologies:

- Discovery, design and high throughput screening platforms
  - which can include the application of artificial intelligence (AI)
- Manufacturing systems and methods
  - for example centralized, distributed or point-of-care
  - microfluidics based devices
  - new and innovative systems for GMP production, fill or finish, automation security
- Manufacturing process intensification enablers
  - for example hyper productive strains, novel expression systems
  - continuous production processes, perfusion technologies
- Process analytical technologies
  - novel analytical characterization, potency assays and real-time release technologies, biosensors
- Other relevant enabling technologies

# Canada-UK Biomanufacturing

## – Delivery systems for proteins and nucleic acids

Innovative technologies for the delivery system for protein and nucleic acids, which can include:

- Viral and non-viral delivery system
  - e.g. Lipid Nano Particles (LNP) platforms
  - including their components and payloads

# Canada-UK Biomanufacturing – Novel biological products

Focus on innovative technologies that enable the development and manufacturing of novel biologics and advanced therapeutic products, which can include:

- Vaccines (prophylactic, therapeutic, various platforms)
- Therapeutic proteins
  - for example: antibodies, and related production process-intensification enablers
- Advanced therapy medicinal products
  - including messenger RNA, small interfering RNA
  - gene therapies, cell therapies, engineered tissues
- Other biological based therapies, such as bacteriophage or engineered probiotics

# OUT OF SCOPE

## Projects out of scope:

- Nutraceutical product development
- Products intended for non-human use







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# Scope Q&A

# Networking

## Canada-UK Biomanufacturing of Biologics and Advanced Therapies

This is a virtual matchmaking platform to link businesses and organisations in Canada and the UK looking to collaborate and work together in the field of biomanufacturing of biologics and advanced therapies. The platform is part of the Canada-UK Biomanufacturing Collaboration where a £20m Memorandum of Cooperation was signed on 8 June 2023.

The platform also provides the opportunity to find potential partners for the Innovate UK (IUK) and National Research Council of Canada Industrial Research Assistance Program (NRC IRAP) joint call on Enabling Technologies and Innovations for Biomanufacturing. The latest round launched on 7 May 2024.

[Register now](#)

Open until 31 May 2025

### LOCATION

United Kingdom

### ORGANISED BY





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# Eligibility criteria

# Previously submitted applications

This competition **allows** 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 style="text-align: center;">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

Project eligibility	<p>To <u>lead</u> a project your organisation must:</p> <ul style="list-style-type: none"><li>• be a UK registered business of any size</li><li>• partner with a Canadian incorporated, profit orientated small or medium sized enterprise (SME) (500 or fewer employees)</li></ul> <p>or</p> <ul style="list-style-type: none"><li>• be a Canadian SME</li><li>• partner with at least one grant claiming UK registered SME</li></ul> <p><b>* The collaboration must involve at least one grant claiming UK registered SME and at least one Canadian SME</b></p>
Canadian orgs	<p>Canadian SMEs must be successful in the Expression of Interest to be eligible to apply</p> <p>* Registration deadline: <b>2 July 2024</b></p> <p>* Expression of Interest submission deadline: <b>15 July 2024</b></p>
Total grant	<ul style="list-style-type: none"><li>• no more than <b>£600,000</b> allocated to UK organisations</li><li>• no more than <b>CA\$1 million</b> allocated to all Canadian partners per application</li></ul>
Project start	<ul style="list-style-type: none"><li>• start by <b>1 April 2025</b></li><li>• end by <b>31 March 2027</b></li></ul>
Project length	between <b>12 and 24</b> months

# Eligibility criteria

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

- UK registered business of any size
- UK registered academic institution
- UK registered research and technology organisation (RTO)
- Other Canadian collaborators
  - Other Canadian SMEs
  - National Research Council of Canada (NRC) researchers
  - Universities
  - Research technology organizations (RTO)
  - Other organizations
  - Large enterprises and industries (self-funding or subcontractors)

\* Applicants from UK academic institutions or RTOs cannot claim more than **30%** of the UK partners' total project costs

\*\* For UK organisations, subcontractors limited to no more than **20%** of your organisation's total eligible costs



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# Eligibility criteria

- Your collaboration must include at least one grant claiming UK registered SME and one eligible Canadian registered SME.
- Projects should have a balanced contribution of the total eligible project costs among the partners from the participating partner countries.
- No one country or project partner can represent more than **70% of the total project costs**.
- The majority of the project work must be undertaken in the UK and Canada.
- Your proposal must demonstrate a clear intention to commercially exploit the results of the project domestically or globally.

# Canadian funding

Canadian consortium may receive a **max funding of up to \$1M CAD.**

## Canadian SMEs

- may receive up to 50% of eligible costs (labour, contractor and travel).

## Other Canadian Collaborators

- Non-SME collaborators total funding **cannot** exceed that of SMEs.
- Collectively, non-SMEs may receive up to 100% of eligible costs
  - salaries (excluding academic principal investigator salaries);
  - research support costs;
  - travel and accommodation costs;
  - professional services;
  - indirect costs (i.e. overhead) up to 10% of total eligible project costs

# Consortium Composition and Co-funding Model



Company (if large, must partner with SME)  
(lead)



Academic, RTO,  
other business  
(optional)

+



SME Company  
(lead)



Other Collaborators  
(optional)

**Up to £600K**

**Up to \$1M CAD**



# Making more than one application

- A UK business can only lead on **one** application but can be included as a collaborator in **one** further application.
- A UK business that is not leading an application can collaborate on a maximum of **2** applications.
- A Canadian SME may only participate in **one** application either as a lead or collaborator.
- Academic institutions or RTOs can collaborate in any number of applications.

# Key Dates

<b>Timeline</b>	<b>Dates</b>
Competition opens	<b>7 May 2024</b>
Canadian EOI registration deadline	<b>2 July 2024</b>
Canadian EOI submission deadline	<b>15 July 2024</b>
IFS submission deadline	<b>16 October 2024, 11am UK time (6am PDT and 9am EDT)</b>
Applicants informed	<b>6 January 2025</b>
Project Start	<b>01 April 2025</b>
Project End	<b>31 March 2027</b>





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# **Innovation Funding Service (IFS)**

# Search for a funding competition and review criteria

## Canada-UK: Biomanufacturing of Biologics and Advanced Therapies Round 2

UK registered organisations can apply for a share of up to £3m for collaboration with Canadian SMEs in biomanufacturing of biologics and advanced therapies.

### Opportunity Details

#### When

##### Registration Opens

08/05/2024

##### Registration Closes

16/10/2024

#### Award

The total grant funding request for all UK partners can be up to £600,000 for each application. The total funding request for all Canadian partners combined can be up to CA\$1 million for each application. These can cover up to 70% of costs, depending on project type and business size.

#### Organisation

Innovate UK

Innovate UK, part of UK Research and Innovation, will work with the National Research Council of Canada Industrial Research Assistance Program (NRC IRAP) to invest up to £3 million in innovation projects.

The aim of this competition is to stimulate the development and implementation of innovative technology in biomanufacturing. The objective is to build the desired flexibility and technical capabilities required for development and economically sustainable production of the next generation vaccines and therapies.

The bilateral research and development (R&D) collaborations between the UK and Canada will enable UK and Canadian organisations to be well positioned to respond to future health emergencies.

Your proposal must contribute to the development of innovative technology that enables flexible, cost-effective manufacturing of novel biological therapeutic products and delivery systems. It must have the potential for commercialisation.

All collaborations must include at least three eligible organisations, including at least one SME from the UK and the UK. Canadian funding applicants are required to register and submit an expression of intent to be eligible to apply for this competition; the registration deadline for Canadian micro, small and medium enterprises (SMEs) is 2 July 2024.

### Funding competition

## Canada-UK: Biomanufacturing of Biologics and Advanced Therapies Round 2

UK registered organisations can apply for a share of up to £3 million for collaboration with Canadian SMEs on joint R&D projects, for enabling technologies and innovations in biomanufacturing of biologics and advanced therapies.

**Competition opens:** Wednesday 8 May 2024

**Competition closes:** Wednesday 16 October 2024 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 work with the National Research Council of Canada Industrial Research Assistance Program (NRC IRAP) to invest up to £3 million in innovation projects.



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# Lead Applicant: create an account

The lead applicant must create an account:

- **Canada registered SMEs**

Select 'no' to 'Are you based in the UK?'

Enter your organisation's details

- **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 (UK and Canada)**

Enter your information manually



GOV.UK Innovation Funding Service

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

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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

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## 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?](#)



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# 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, research category

**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 of the project, including what is innovative about it

**Public Description** - Description of your project which will be published if you are successful

**Scope - Describe how your project fits the scope of the competition** - If your project is not in scope it will be declared ineligible and will not be sent for assessment



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# Application finances

## Are you requesting grant funding?

### Your project costs

Provide the project costs for XXXXXXXXXXXXXXXX

Only your organisation can see this level of detail. All members of your organisation can access and edit your project finances. We recommend assigning completion of your project finances to one member of your team.

[Open all](#)

Labour	£178,017 +
Overhead costs	£35,603 +
Materials	£0 +
Capital usage	£0 +
Subcontracting	£0 +
Travel and subsistence	£6,000 +
Other costs	£0 +
TOTAL PROJECT COSTS	£219,620

**NOTE:** Canadian organisations must:

- say NO to requesting grant funding
- enter zeroes in this section

# 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 in the summary are only **UK organisation** project costs.

Canadian organisations must enter zeroes.

All organisations can see a summary of project costs.





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# Assessment

# Dual assessment process

All eligible applications will be assessed by independent assessors in both the UK and Canada.

## What do they look for?

- **Clear and concise** answers
- **The right amount of information**
  - not too much detail
  - no assumptions
- **Quantification and justification**
- A proposal that presents a **viable opportunity for growth, a level of innovation that necessitates public sector investment** and has the right **team and approach** to be successful

\*Applications need to score well in both the UK and Canadian assessments in order to be considered for funding.

# Innovate UK's You Tube Channel

<https://www.youtube.com/user/innovateuk>

## How do our assessors assess?

<https://www.youtube.com/watch?v=nHZNpRSwgeI>

## How are successful applications selected for funding?

<https://www.youtube.com/watch?v=xyHggGjxeCU>



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# Canada requirements: application process, funding

# Canadian SME eligibility requirements

The Canadian SME applicant must be:

- incorporated, for-profit, operating in Canada, 500 or fewer full-time equivalent employees
- develop and commercialize innovative, technology-driven new or improved products, services or processes in Canada
- have technology that could become competitive in global markets
- have sufficient working capital and resources to undertake a multi-year R&D collaboration and commercialize the results
- committed to international market expansion

Preference may be given to SME applicants who:

- minimum 15 full-time equivalent employees
- commercialized one or more products domestically or internationally
- >\$500,000 CAD in annual revenue

# Canadian Expression of Interest

## Canadian Application Deadlines

- **July 2, 2024:** registration deadline
- **July 15, 2024:** Expression of Interest (EOI) form submission deadline

Canadian SME lead applicant must register and to receive an EOI form:

[Canada-UK 2024-25 collaborative industrial research and development call for proposals on enabling technologies and innovations for biomanufacturing of biologics and advanced therapeutics](#)

## EOI form:

- Outlines basic information on the Canadian applicant(s), project partners and the project idea
- Proposed project alignment with [Canada's Biomanufacturing and Life Sciences Strategy](#) (BLSS)

## Canadian SME applicants must be an NRC IRAP clients

- To become a client, please contact NRC IRAP at **1-877-994-4727**

# International Consortium Project Proposal

- Upon successful EOI, Canadian and UK applicants submit a **joint proposal** on IFS.
  - ❖ Canadian applicant **will be disqualified** if they submitted an IFS joint proposal without completing an EOI form and being officially invited by NRC IRAP.
- In addition to the IFS joint proposal, the lead Canadian application will need to submit the following documents directly to NRC IRAP:
  - 1. Canadian SME annex form** (template provided)
    - Salary costs, contractor costs, travel costs, other project costs
    - Benefits to Canada
    - Alignment with Canada's Biomanufacturing and Life Sciences Strategy
  - 2. Other Canadian collaborator annex form** (if applicable, template provided)
    - Project costs
    - Biomanufacturing technology
  - 3. Project consortium agreement** (draft)
    - Roles and responsibilities of participants, work plans, expected outputs, IP division, confidentiality and publication agreements, liability and exit clauses



# Project Evaluation and Selection

- Each project will be evaluated by ISED and an NRC team (minimum 3 assessors)
  - Evaluating the BLSS project alignment, eligibility, merit, balance and viability of the consortium project.
- Independently, both countries will evaluate and rank the projects. Both countries will negotiate and select which projects they will both fund.
- Both countries will jointly notify the lead consortium participants of the project results.
- Selected projects must go through a final due diligence process prior to contracting.



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**UK requirements:  
subsidy control, application  
finances, academic partners**

# Compliance with the UK Subsidy Control Regime

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](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 for UK Subsidy Control Regime

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: Funding Opportunities

Funding for R&D projects is split in to **3** categories; feasibility studies, industrial research and experimental development.

**For feasibility studies and 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

**For research organisations conducting fundamental research you could get funding for your eligible project costs of up to 100%.**

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>



\*Non-UK organisations will not be funded by Innovate UK.

# 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 for grant funding in this competition, as a lead or a partner organisation.

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, we will award no more funding to you.

If you applied to a previous competition as the lead or sole company and failed to comply with grant terms and conditions.



# Application finances for UK organisations

# 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

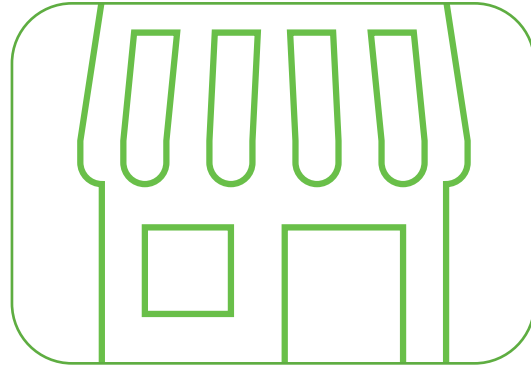
You are also unable to claim funding if your company is based in any of the British Overseas Territories (BOTs):

- 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

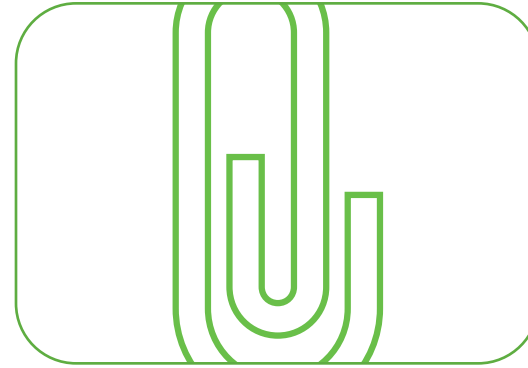
# Project cost categories



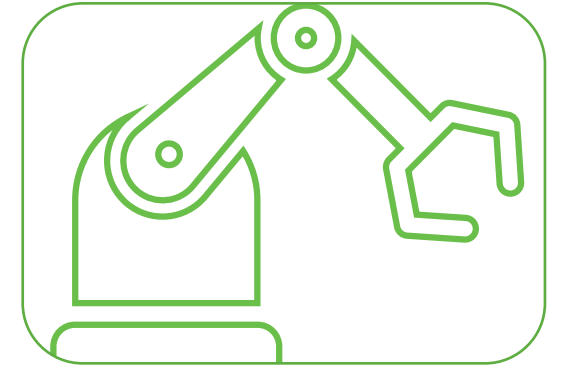
Labour



Overheads



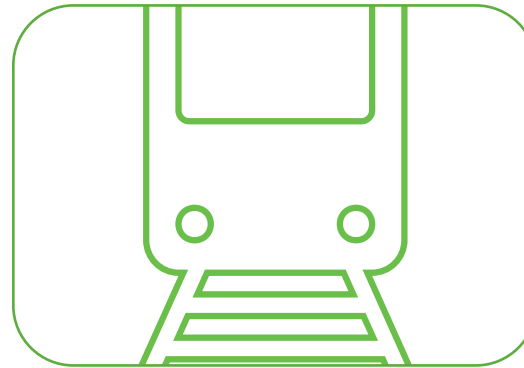
Materials



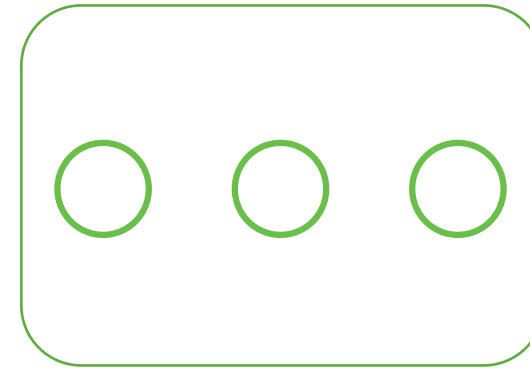
Equipment Usage



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**

# Overheads

## 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

## 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**

# 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.	
<a href="#">▶ Capital usage guidance</a>	
Please provide a breakdown of the capital items you will buy and/or use for the project.	
Item description	
<input type="text" value="Laptop"/>	
New or existing item	
<input checked="" type="radio"/> New <input type="radio"/> Existing	
Depreciation period (months)	
<input type="text" value="24"/>	
Net present value at the start of your project or the price you bought it for (£)	
<input type="text" value="2000"/>	
Residual value at end of project (£)	
<input type="text" value="500"/>	
Utilisation (%)	
<input type="text" value="50"/>	
Net cost	
£750	



# Subcontractors\*

## Costs supported

Justification required if supplier chosen not from UK or Canada

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

\*For UK organisations, subcontractor costs are limited to no more than **20%** of your organisation's total eligible costs.



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 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 ▲		
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

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



# 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.		
<a href="#">▶ Other costs guidance</a>		
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"/>	
<a href="#">Add another cost</a>		

# Consortium example

## Worked example – £900k total cost project

Project costs for 4 partners (2 UK business including SME, 1 Canadian SME, 1 UK University), doing **industrial research**.

Organisation type	Organisation size	Total eligible project costs	Maximum % of project costs which may be claimed as a grant	Requested grant amount	Required match funding contribution
UK Business	Small	£250,000	70%	£175,000	£75,000
UK Business	Large	£500,000	50%	£250,000	£250,000
Canadian Business	SME	£0	0%	£0	£0
UK University	HEI (80% FEC)	£150,000	100%	£150,000	nil**
<b>Total</b>		<b>£900,000</b>		<b>£575,000</b>	<b>£325,000</b>

\*\* 20% FEC not to be shown as a contribution

Research base costs	£150,000
Research participation rate of total eligible projects costs (cannot exceed <u>30%</u> )	<u>17%</u>

# UK registered 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"/>

# 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**

- the UK participants will need to progress through the Project Set Up stage
- any Canadian lead must coordinate this
- 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 have **83** days to complete project set up – funding may be withdrawn if you do not start your project by **1 March 2024**

**The lead applicant will receive all requests for information. If this is a Canadian SME, they will need to facilitate the progression of project setup by naming a UK partner as a point of contact.**

# Project set up

All communication will be through IFS. Ensure contact details are kept up to date.

Lead applicant must provide collaboration agreements and exploitation plans if applicable.

Any UK partners with individual total project costs of **up to** £50,000 must provide evidence with a Statement of Expenditure (SoE).

Any UK partners with individual total project costs **above** £50,000 must provide evidence with an Independent Accountants Report (IAR).

# Project delivery

All UK 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



# Equality, Diversity & Inclusion

- Innovate UK and National Research Council of Canada (NRC) 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.
- In alignment with the Government of Canada's Equity, Diversity and Inclusion (EDI) strategies, NRC is committed and focused on building a diverse and representative workforce, working with clients, partners and entrepreneurs free from barriers, and contributing to a more inclusive and innovative ecosystem.



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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.
- NRC IRAP has multiple EDI CTOs to help and assist their clients.
- Additionally, if you would like any UK support, please contact our Customer Support Service Team on [support@iuk.ukri.org](mailto:support@iuk.ukri.org) or at **0300 321 4357**.



National Research  
Council Canada

Conseil national de  
recherches Canada



# Innovate UK Business Growth (for UK businesses)

*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

# 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



Innovate  
UK

Business  
Growth







National Research  
Council Canada

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# Q&A



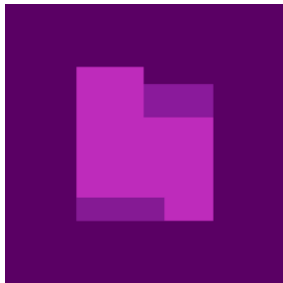


# Contact

## Innovate UK 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)

## National Research Council of Canada Industrial Research Assistance Program (NRC IRAP) International Office:

[IRAP.International.PARI@nrc-cnrc.gc.ca](mailto:IRAP.International.PARI@nrc-cnrc.gc.ca)



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# Thank you



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