



Innovate  
UK

# Improving and Scaling up Semiconductor Manufacturing – CR&D

Applicant briefing

Date: **5 December 2023**

**The webinar will start at 10.02am**

- We are currently on mute, whilst waiting for more people to join
- The briefing will be recorded and available to refer to through the IFS date page
- PDFs of the presentation will also be available on request
- For more information on the competition process,  
please go to: [Competition briefing: applicant information - YouTube](#)

# Welcome and Introductions

## **Abbie Wood**

Competitions Manager, Innovate UK

## **Dr Iain Mauchline**

Innovation Lead -  
Electronics, Sensors and Photonics, Innovate UK

## **Dr Sven Knowles**

Knowledge Transfer Manager, Innovate UK KTN

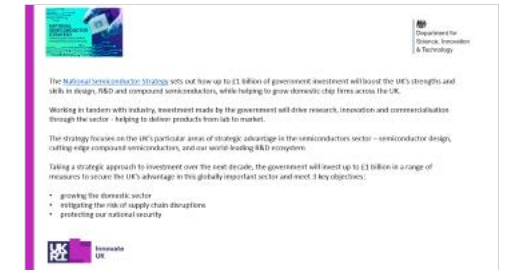


# SEMIconductors Programme Aims



# UK Semiconductor Strategy

- Semiconductors are 1 of the 5 technologies of tomorrow. They are critical to the UK's economic and national security and to the strategic advantage that the UK will secure on the global stage.
- The recently published (19<sup>th</sup> May 2023) UK semiconductor strategy has the stated vision.



## Our vision

Over the next 20 years, the UK will secure areas of world leading strength in the semiconductor technologies of the future by focusing on our strengths in R&D, design and IP, and compound semiconductors. This will facilitate technological innovation, boost growth and job creation, bolster our international position in order to improve supply chain resilience, and protect our security.

## Key Themes

- Technological innovation in UK strengths
  - Growth & job creation in domestic landscape
  - International collaborations with aligned countries
- The government plans to invest up to £1 billion over the next decade.
  - In the autumn statement... *“The Chancellor has recently clarified the government’s priorities for the UK Infrastructure Bank to ensure the Bank is able to invest in critical supply chains where it meets the Bank’s strategic objectives, including semiconductor manufacturing and critical minerals.”*



# SEMIconductors @ Innovate UK

The vision for this **S**kills, **E**ducation, **M**anufacture **I**nnovations for Semiconductors (SEMIconductors programme) is to ensure that the UK has a secure and relevant position and capability within the global semiconductor landscape.

Semiconductors play an essential role in the seven technology families defined in the UK Innovation Strategy:

- Advanced Materials and Manufacturing
- AI, Digital and Advanced Computing
- Bioinformatics and Genomics
- Engineering Biology
- Electronics, Photonics and Quantum
- Energy and Environment Technologies
- Robotics and Smart Machines

UKRI current commitment to semiconductors is predominantly funded from the applications side , where advancements in the technology are targeted at specific areas, e.g. digital security, automotive drives, power electronics for renewables.

This programme takes a more holistic approach to identify and address common problems and underlying issues experienced throughout the community such as: supply chain resilience; access to manufacturing and test facilities; and skills shortages.

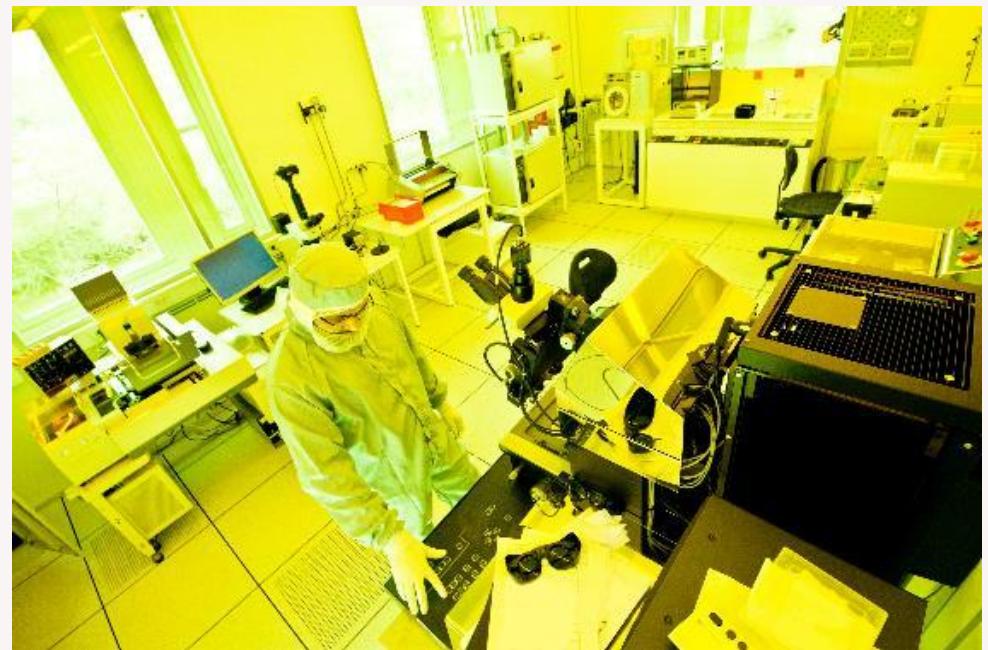
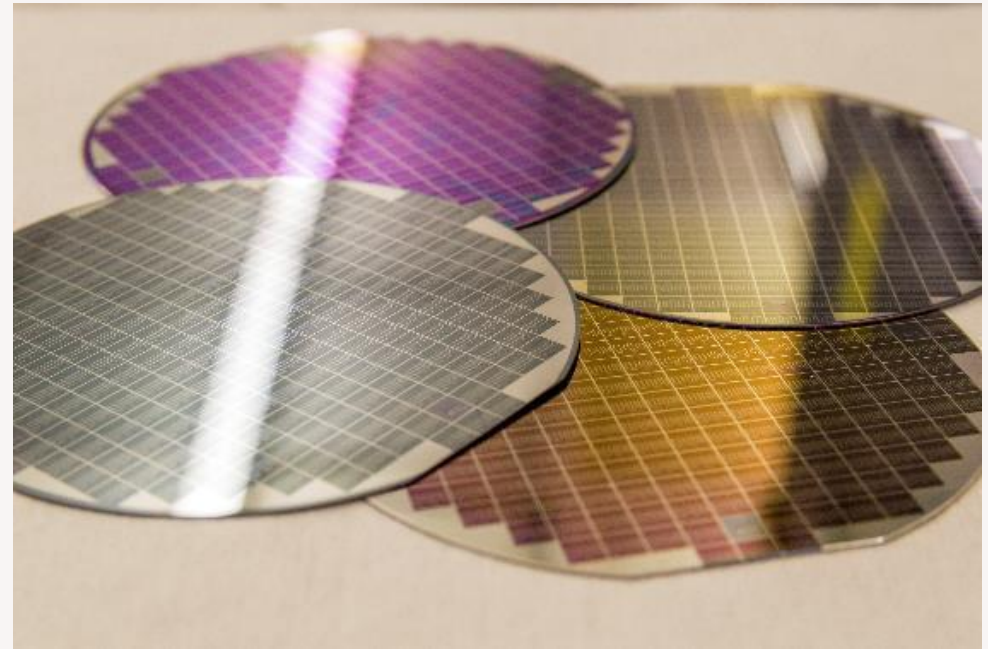
# Manufacturing & Skills Innovation - SEMIconductors

As part of the **Future Economy Review (FER)**, the **Skills, Education, Manufacture Innovations for Semiconductors (SEMIconductors)** programme was developed in close alignment with the UK Strategy's aim to support the domestic landscape and workforce.

- **Initial Call** - Skills & Scale up Feasibility currently running
  - **11 Skills Projects** - schools' engagement / STEM, apprenticeships and internships, upskilling and reskilling of existing workforce, technical courses and vocational training, CPD
  - **15 Manufacture Projects** - developing manufacturing through innovation, support a resilient UK supply chain, building collaborations across the wider UK semiconductor industry
- **CR&D Call** (December 2023) - a further up to **£12million** CR&D competition following on ideas from the Scale-up Feasibility competition to initiate 12-month projects.
- **Cross UKRI collaboration** - Working together on this EPSRC and Innovate UK aim to encourage closer links between academia and industry and to drive emergent semiconductor technologies towards market. (e.g. IKC). The IKC is currently under final evaluation with results due to be announced November 2023.



# Competition Scope



# SEMIconductors CR&D Call

This will invest up to **£12 million** in innovation projects to **assist the improvement and scale up for semiconductor manufacture within the UK.**

This call is due to open 4th December 2023 with a briefing event on the 5th December 2023.



**This £12million** CR&D competition following on ideas and the scope of the Scale-up Feasibility competition to initiate larger scale projects of up to 12-month duration looking to

- establish innovations and new manufacturing techniques across the semiconductor supply chain,
- encourage new collaborations across different areas of the industry, and
- develop closer ties with academia and industry

**SEMIconductors Manufacturing SCALE-UP Competition**

*(N.B. This list outlines possible areas but is not exhaustive)*

- Compound semiconductors
- Silicon semiconductors
- Development of Process Design Kits (PDks)
- Manufacturing process development and best practice for scale-up
- Cross-sectoral solutions
- Assembly, packaging, and test
- Photonic Integrated Circuits
- Hybridisation or heterogeneous development
- System-on-chip development
- System-in-package development
- Open access foundries models
- Accelerate development cycles
- Proof of concept and validation of designs



**SEMIconductors Manufacturing SCALE-UP Competition**

*(N.B. This list outlines possible areas but is not exhaustive)*

- Device and circuit simulation and design
- Design for circularity and reuse
- Semiconductor wafer and device fabrication including
  - Wafer/substrate growth, Epitaxy
- "Front end of line" processes
- "Back end of line" device processing including
  - Back grind, Polishing, Back metal, Singulation
- Testing innovative designs and processes
- In-line and end of line test
- Wafer fabrication operations & sustainability including
  - Operations for reducing fossil fuel consumption, Net Zero
  - Elimination and abatement of hazardous and long lived pollutants
  - Environmental burden abatement such as water and chemical discharges
  - Material consumption minimisation by reduction or substitution

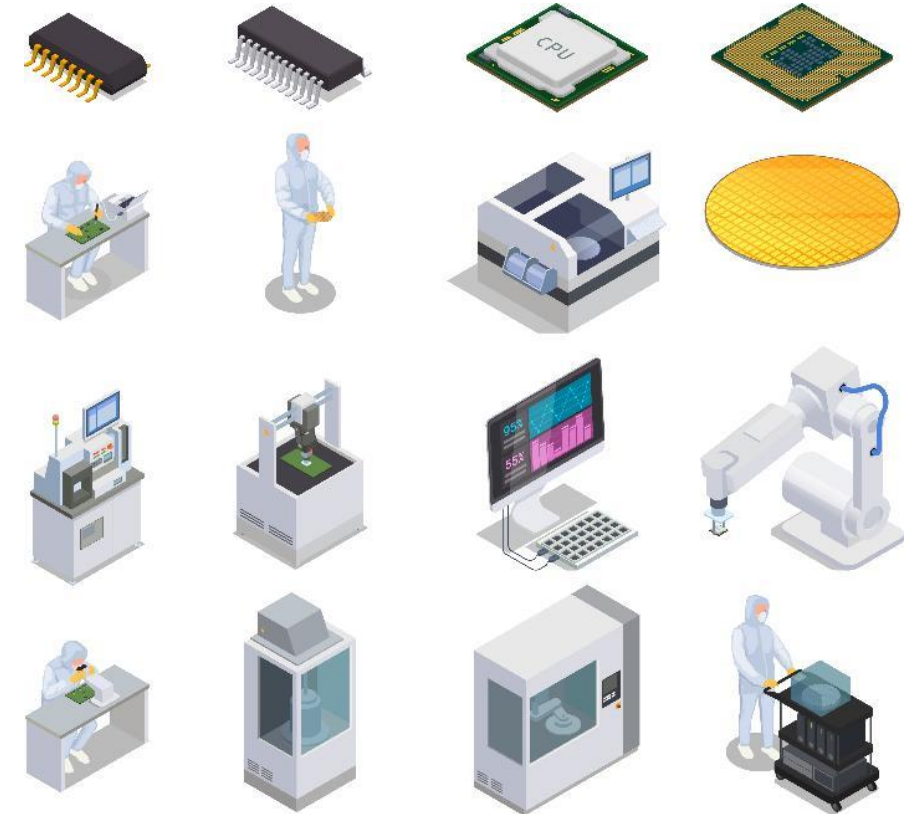




# SEMIconductors Manufacturing SCALE-UP Competition

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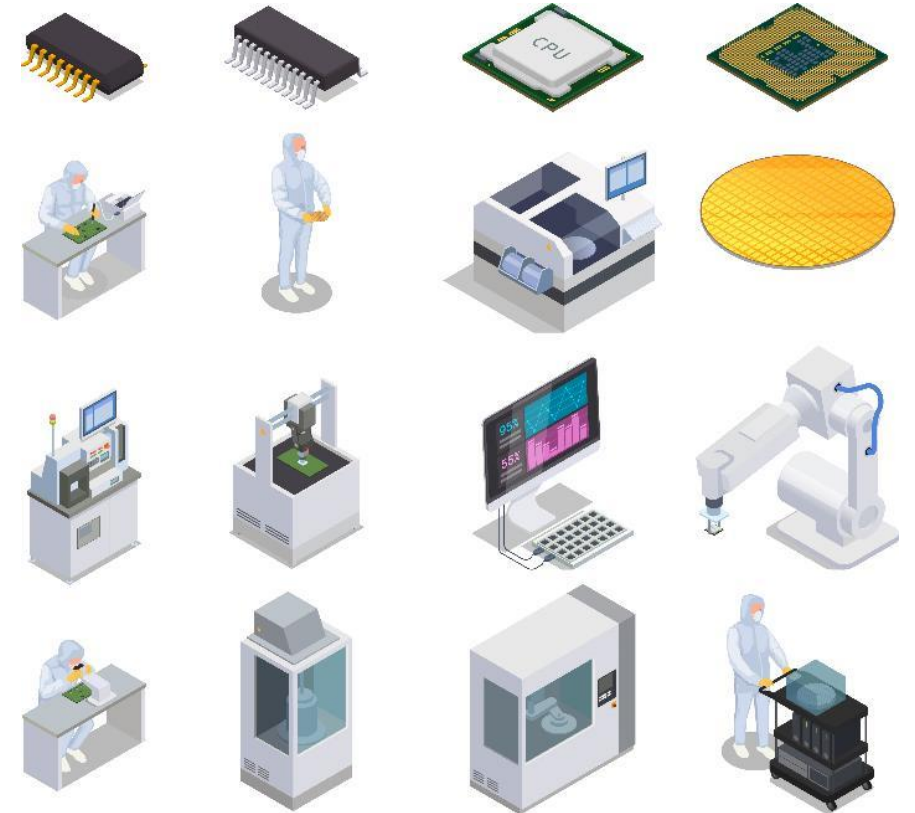
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- In-line and end of line test
- Wafer fabrication operations & sustainability including
  - Operations for reducing fossil fuel consumption, Net Zero
  - Elimination and abatement of hazardous and long-lived pollutants
  - Environmental burden abatement such as water and chemical discharges
  - Material consumption minimisation by reduction or substitution



# CR&D COMPETITION Out-of-Scope

We are **not** funding projects that:

- × *do not address a clear industrial requirement or improvement*

We are **not** funding projects where the primary focus or deliverable is:

- × *standard printed circuit board (PCB) fabrication*
- × *PCB assembly and test, excluding bare die operations*

# Scope Q&A



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# 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: <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	<ul style="list-style-type: none"><li>• collaborations only</li><li>• lead must be a UK registered business of any size</li><li>• must involve at least one micro, small or medium-sized enterprise (SME)</li><li>• collaborators can be any organisation type</li><li>• must carry out your project in the UK</li><li>• intend to exploit the results from or in the UK</li></ul>
Project costs	up to <b>£2.5 million</b>
Project length	up to <b>12 months</b>
Project start	start by <b>1 June 2024</b> Projects must end by <b>31 May 2025</b>

# Types of organisations we fund

- Business – Small or Micro, Medium or Large registered in the UK
- Research Organisation (RO):
  - Universities (HEIs)
  - Not for profit distributing Research & Technology Organisation (RTO) including Catapults
  - Public Sector Research Establishments (PSRE)
  - Research Council Institutes (RCI)
- Public sector organisations and charities doing research activity

If you are 100% owned by a large parent company as a small subsidiary this means you are classed as a large company and will only be entitled to the relevant grant. For more information on company sizes, please refer to the [company accounts guidance](#).



# 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](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 Act

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 into **3** categories: **feasibility studies, industrial research and experimental development.**

**This competition is for industrial research projects only.**

**For industrial research projects, you could get funding for your eligible project costs of:**

- up to 70% if you are a micro or small organisation
- up to 60% if you are a medium-sized organisation
- up to 50% if you are a large organisation

**For 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>



# Participation Rules

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

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

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

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

# What is collaboration?

In all collaborative projects there must be:

- at least two organisations claiming grant within the application (including the lead)
- a **business-led** consortium, which may involve both business and the research base
- evidence of effective collaboration

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

# Making more than one application

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

If an organisation is not leading any application, it can collaborate in up to **three** 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	4 December 2023
Briefing Event	5 December 2023
Submission Deadline	31 January 2024, <b>11am</b>
Applicants informed	8 March 2024



# **Innovation Funding Service (IFS)**

# 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** - 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
- **Subsidy basis** - Will the project, including any related activities, you want Innovate UK to fund, affect trade between Northern Ireland and the EU? All participants must complete this section.
- **Project Summary** - Short summary and objectives of the project including what is innovative about it
- **Public Description** - Description of your project which will be published if you are successful
- **Scope - How does your project align with the scope of this competition?** - If your project is not in scope, it will not be sent for assessment

# Application Questions

Detailed guidance available on IFS

Application Form		Appendix?
Question 1	Applicant location (not scored)	No
Question 2	Need or challenge (400 words)	No
Question 3	Approach and innovation (600 words)	Yes - optional
Question 4	Team and resources (600 words)	Yes - optional
Question 5	UK Semiconductor landscape awareness (400 words)	Yes - optional
Question 6	Outcomes and route to market (400 words)	No
Question 7	Wider impacts (400 words)	No
Question 8	Project management (400 words)	Yes - mandatory
Question 9	Risks (400 words)	Yes - mandatory
Question 10	Added value (400 words)	No
Question 11	Costs and value for money (400 words)	No



# Application finances



# To claim funding

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

You are unable to claim funding if:

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

# British Overseas Territories

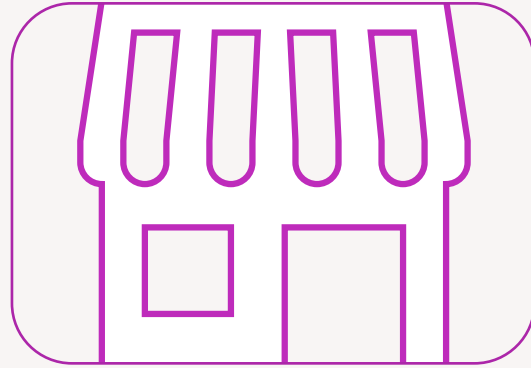
You are also unable to claim funding if your company is based in any of the British Overseas Territories (BOTs):

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

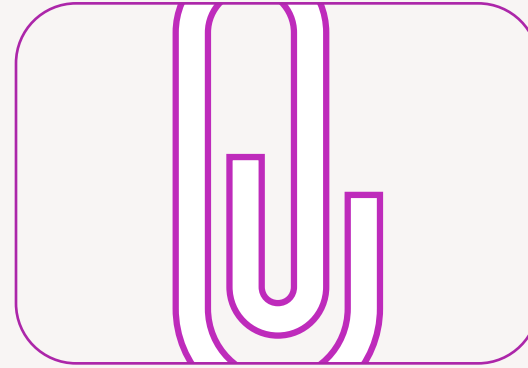
# Your Project Cost Categories



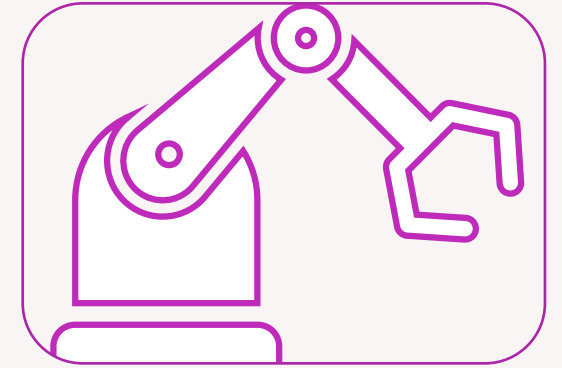
Labour



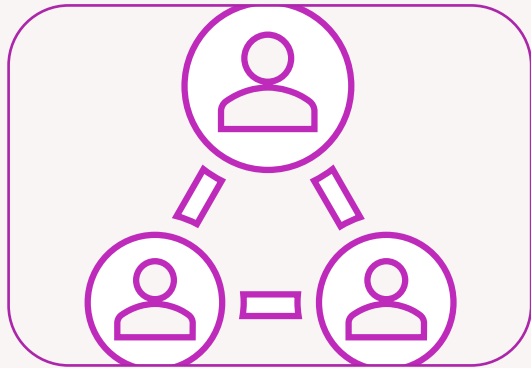
Overheads



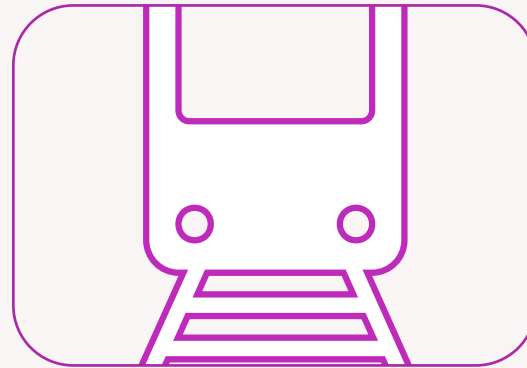
Materials



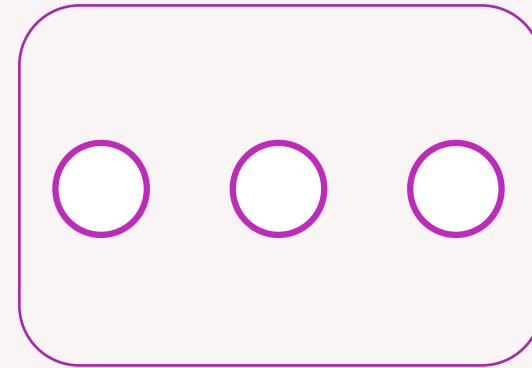
Equipment Usage



Subcontractors



Travel &  
Subsistence



Other

# 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.

You must make sure your total for the consortium in the Total Costs column is no more than **£2,500,000**.

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

**Note:** All organisations can see a summary of the project costs.



# Funding

## Funding rules

The level of funding awarded will depend upon the type of organisation you are

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





# 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 to Complete the Project Impact questions video [here](#)

# Academic partners



# Why Je-S?

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

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

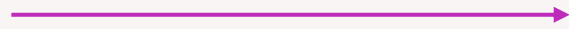
Also to collect project finance details from non-HEIs (e.g. RTOs) that are claiming they are carrying out academic quality work and want to be funded on an FEC basis.

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

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

# Project costs – academic partners

Enter the TSB reference number here



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

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

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

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

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

# Submitting your application



# Checking your finances are complete

## Finances Summary

The following organisations have not marked their finances as complete:

- EMPIRE LTD



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

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

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

All organisations must have marked their finances as complete.

The total project costs must be no more than **£2,500,000**.



# 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 +

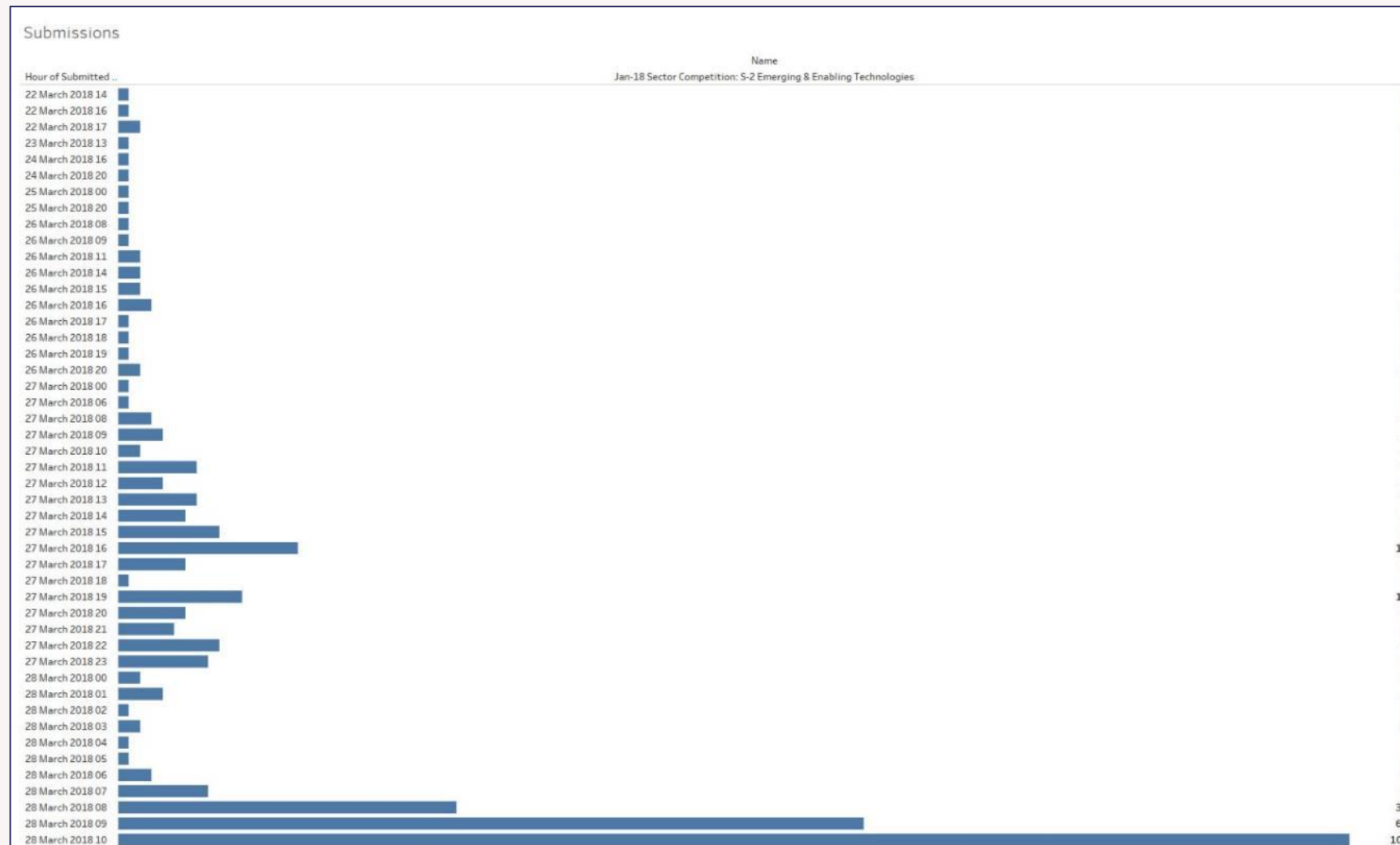
[Submit application](#)

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 our assessors assess?

All 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.

See the Innovate UK YouTube channel for more information:

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

# 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.

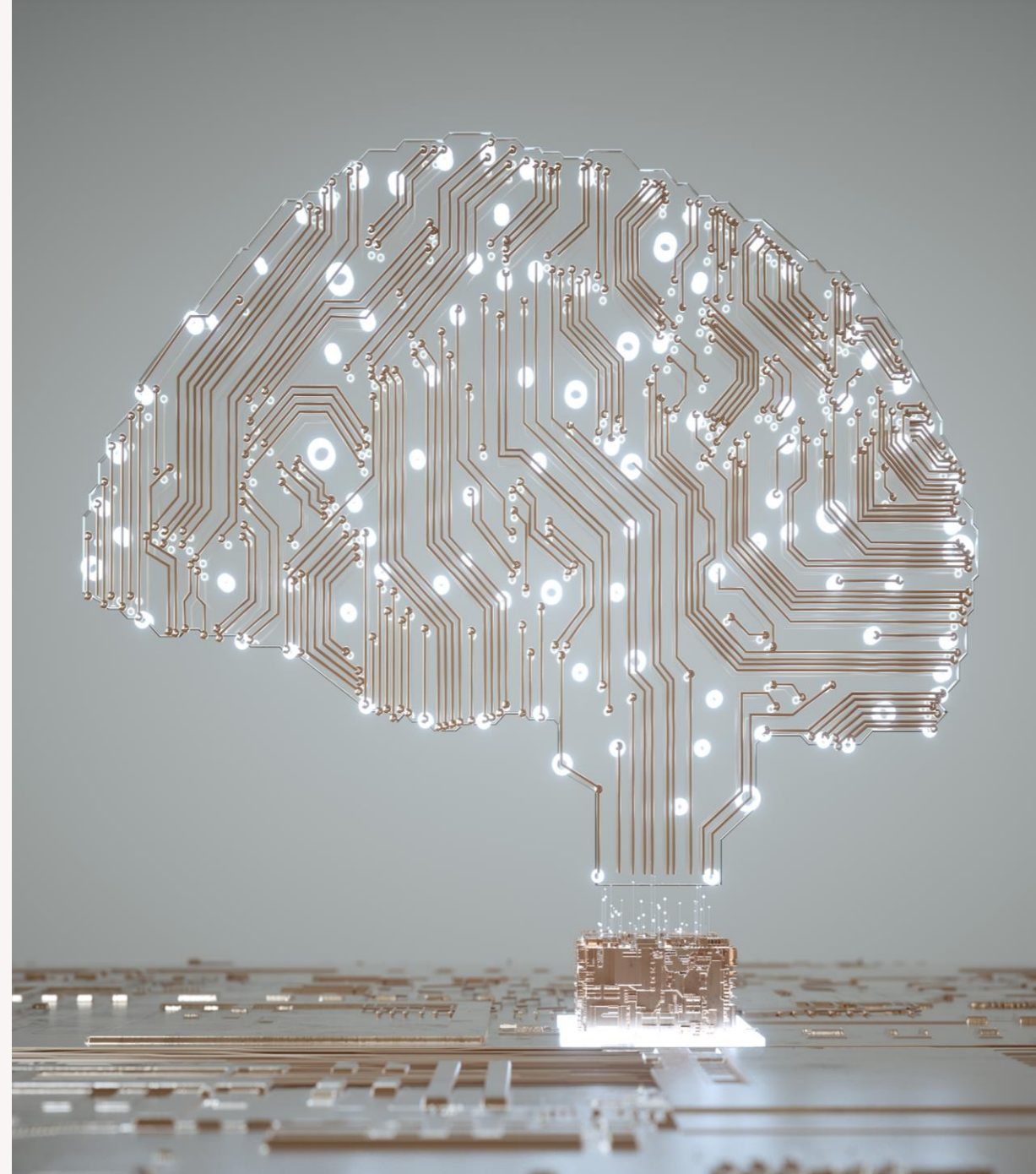
You will then receive email notification to offer grant funding or to inform you that your application has been unsuccessful on this occasion.

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.

See the Innovate UK YouTube channel for more information:

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

# 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
- in total you will have **84** days to complete project set up – funding may be withdrawn if this is not completed within this timeframe

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

# Project set up

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

# Project delivery

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

# Additional 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.





# Available Support

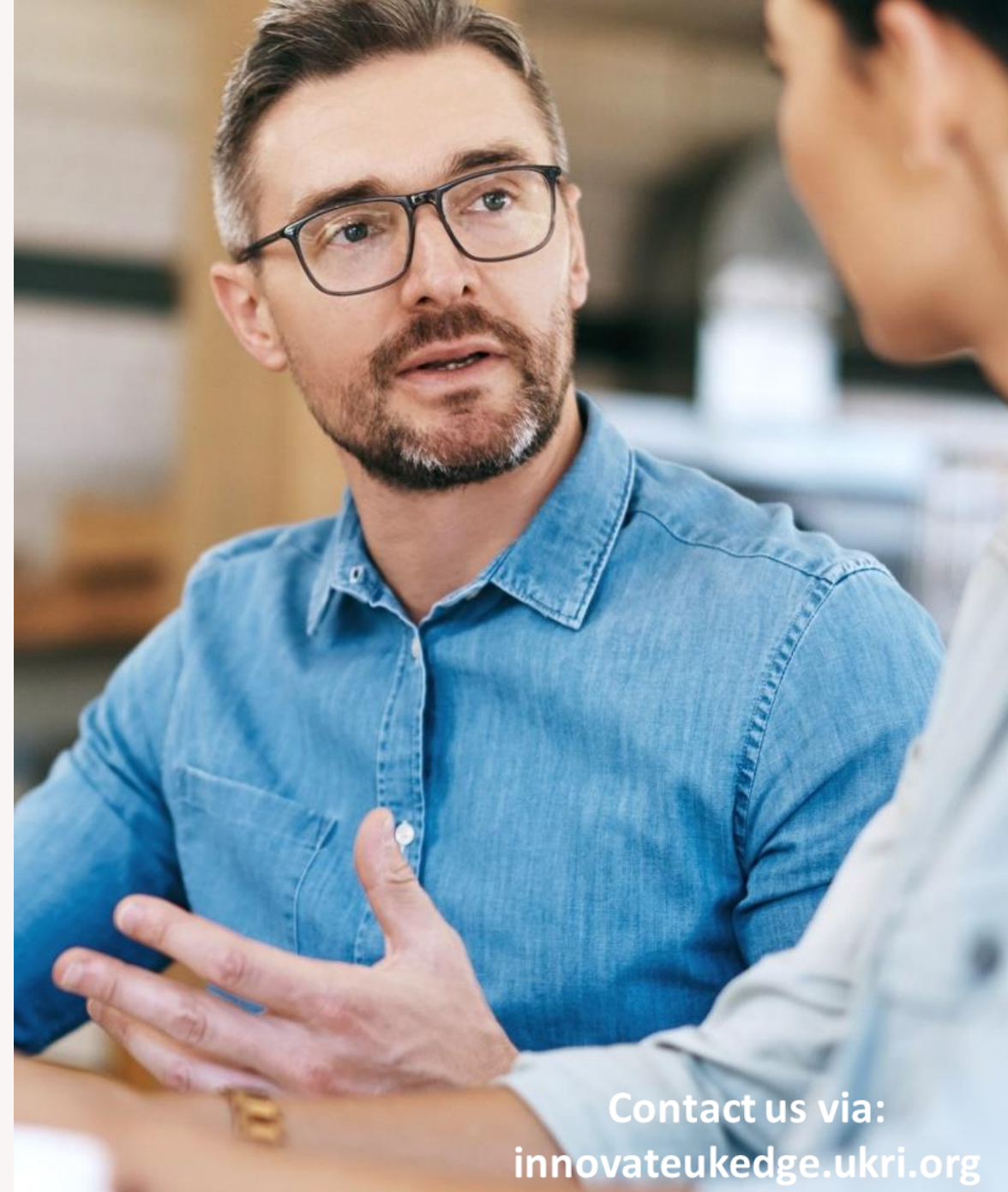
- We welcome and encourage applications from people of all backgrounds and are committed to making our application process accessible to everyone.
- This includes providing support for people who have a disability or long-term condition and face barriers applying to us.
- So, if you would like any support, please contact our Customer Support Service Team on [support@iuk.ukri.org](mailto:support@iuk.ukri.org) or at **0300 321 4357**.



# 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



Contact us via:  
[innovateukedge.ukri.org](https://innovateukedge.ukri.org)



# 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*

# Q&A



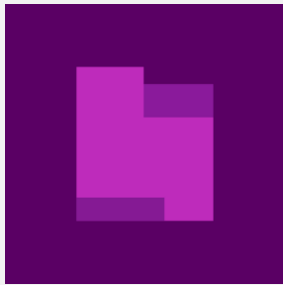
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UK

# Contact

## Customer Support Services

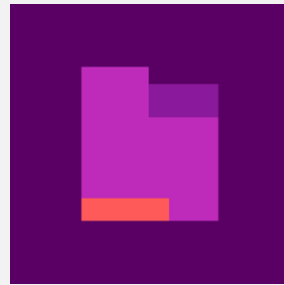
0300 321 4357 (Monday - Friday 9am-12pm and 2pm-5pm)

[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**

[iuk.ktn-uk.org](https://iuk.ktn-uk.org)



**Innovate UK EDGE**

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

# Innovate UK KTN

## SEMIconductors Support

**Sven Knowles**

[sven.knowles@iuk.ktn-uk.org](mailto:sven.knowles@iuk.ktn-uk.org)

**Paul Huggett**

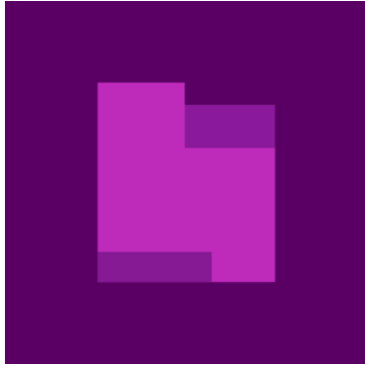
[paul.huggett@iuk.ktn-uk.org](mailto:paul.huggett@iuk.ktn-uk.org)

[www.iuk.ktn-uk.org](http://www.iuk.ktn-uk.org)

**UK  
RI**

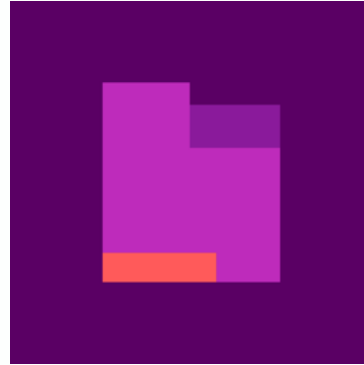
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# Innovate UK Group



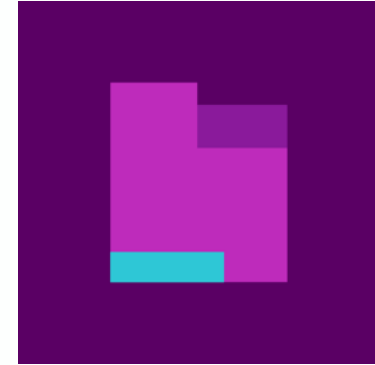
## Innovate UK

Innovate UK is the UK's innovation agency: a non-departmental public body operating at arm's length from the Government as part of UKRI.



## Innovate UK KTN

Innovate UK KTN exists to connect innovators with new partners and new opportunities beyond their existing thinking - accelerating ambitious ideas into real-world solutions.



## Innovate UK EDGE

Innovate UK EDGE empowers innovation-driven businesses to grow at pace and achieve their industry- and society-transforming ambitions.



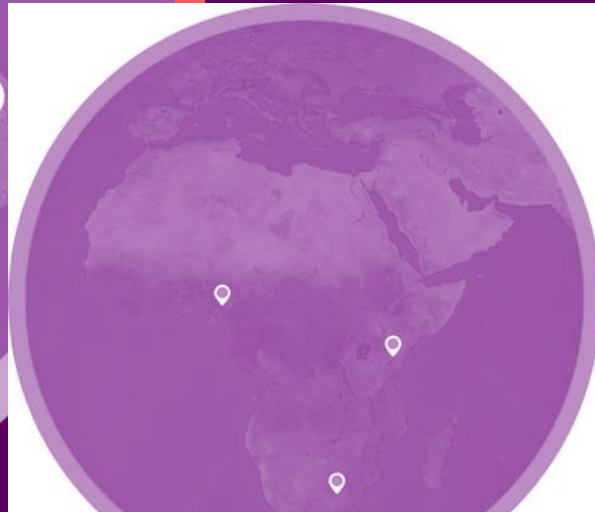
# About Us

Innovate UK KTN exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.

## Our Purpose & Vision

We create diverse connections to drive positive change.

To establish a network of innovators so powerful its ideas will change the world.





# Our Strategy

## Positive Change

We create diverse connections to drive positive change

## Deep Expertise

We have wide-ranging expertise and convene the expertise of others

## Powerful Connections

We drive powerful connections with business at the heart of what we do

## Future Shaping

We shape the innovation communities of the future

## Our People

We provide an exceptional place of work for our exceptional people

## Our Network

46,229

Unique Organisations

72%

Small

15%

Medium

13%

Large

234,478

innovators

Every

university in the UK





## We connect...

**Diverse communities** | Innovation Networks

**Regional, national** | Global Alliance  
and global

**Research and business** | Knowledge Transfer Partnerships

**Innovators, funders** | Innovation Exchange  
& collaborators

**Insight to impact** | Insight reports

...for positive change

# What support can you expect from Innovate UK KTN

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- Dedicated 1-2-1 support from specialist Knowledge Transfer Manager – specialists in their fields - to support you in:
  - (1) Making introductions to potential partners in the UK-UK
  - (2) Helping form collaborations
  - (3) Reviewing funding applications
- We have access to +250,000 innovators within the Innovate UK KTN's Network – talk to us if you want to find a partner!



# Innovate UK KTN and you

- Signpost companies to identify and address funding
- Provide deep expertise to make Connections & Networks
- Drive powerful connections with businesses
- Assist companies in forming partnerships/collaborations/projects
- Advise companies in their submission
- Light touch reviews
- Guidance documents, for example Good Application Guide
- Highlight key features of a good proposal
- Provide recommendations, for example proposals that excites and inspires
- Invite you to collaboration mechanisms & events



## Good Application Guide



Innovate UK  
Knowledge Transfer Network



# Innovate UK KTN and you

- Guidance documents, for example Good Application Guide
- <https://ktn-uk.org/news/the-good-application-guide-and-more-grant-application-advice-from-ktn/>
- Investor Readiness Programmes
- Sector Newsletters:  
for example, Driving the Electric Revolution Challenge newsletter
- <https://info.ktn-uk.org/p/2VFU-7JI/driving-the-electric-revolution-sign-up/>



# Find out more

@KTNUK

Dr Sven Knowles

[sven.knowles@iuk.ktn-uk.org](mailto:sven.knowles@iuk.ktn-uk.org)

Dr Paul Huggett

[paul.huggett@iuk.ktn-uk.org](mailto:paul.huggett@iuk.ktn-uk.org)

[www.iuk.ktn-uk.org](http://www.iuk.ktn-uk.org)



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# Key Info

- Investing up to **£12 million** in innovation projects to **assist the improvement and scale up for semiconductor manufacture within the UK.**
- Collaborative R&D only:
  - lead must be a UK registered business of any size
  - must involve at least one micro, small or medium-sized enterprise (SME)
  - collaborators can be any organisation type
- Project costs - up to £2.5 million
- Project length - up to 12 months
- Competition opens **4 December 2023**
- Competition closes **31 January 2024 @ 11:00am**
- Projects start by **1 June 2024**
- Projects must end by **31 May 2025**



## CONTACTS:

Dr Sven Knowles

[sven.knowles@iuk.ktn-uk.org](mailto:sven.knowles@iuk.ktn-uk.org)

Dr Iain Mauchline

[iain.mauchline@iuk.ukri.org](mailto:iain.mauchline@iuk.ukri.org)

# Thank You

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 @weareinnovateuk