

# Transport Decarbonisation Demonstrators – Competition Briefing

**Simon Buckley**  
Knowledge Transfer Manager – Zero Emission Mobility  
Innovate UK KTN

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

# Transport Decarbonisation Demonstrators – Housekeeping

Applicant briefing

Date: **28 November 2023**

**The webinar will start at 10am**

- 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
- Please introduce yourself in the chatbox and ask any questions in the Q and A box
- For more information on the competition process, please go to: [Competition briefing: applicant information - YouTube](#)

# Agenda

10:00 am Welcome and Introduction – Simon Buckley , Zero Emission Mobility , Innovate UK KTN

10:05 am Update from DfT - Charlotte Kelsey, Head of Place-based Decarbonisation, DfT

10:15 am Competition Scope – Sophie Randall, Innovation Lead, Clean Growth and Infrastructure, Innovate UK

10:45 am Q and A – All

11:05 am Networking Opportunities – Simon Buckley , Zero Emission Mobility , Innovate UK KTN

11:10 am – Comfort Break

11:20 am – Eligibility Criteria – Rachael Evans, Portfolio Manager, Innovate UK

11:50 am – Q and A - All

12:00 pm – Close – Simon Buckley , Zero Emission Mobility , Innovate UK KTN



Department  
for Transport

# Transport Decarbonisation Demonstrators

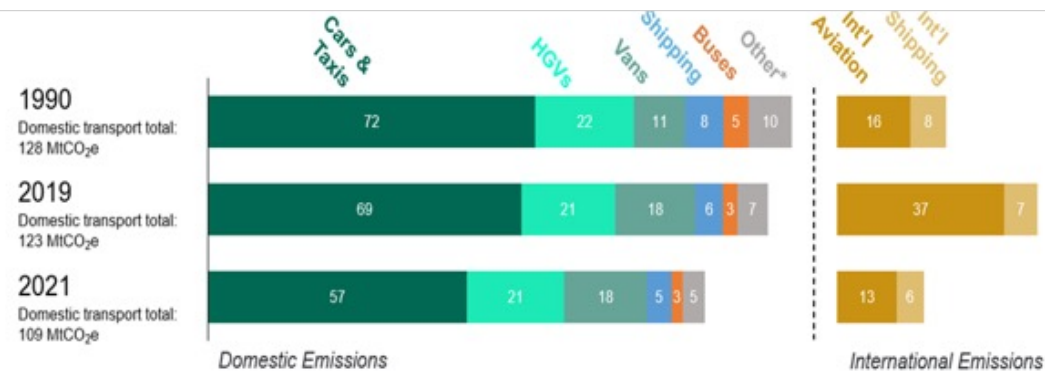
**Charlotte Kelsey, Head of Place-based Decarbonisation**  
**Department for Transport**  
**28 November 2023**



# Accelerating transport decarbonisation is central to delivering against the UK's legally binding commitment to net zero

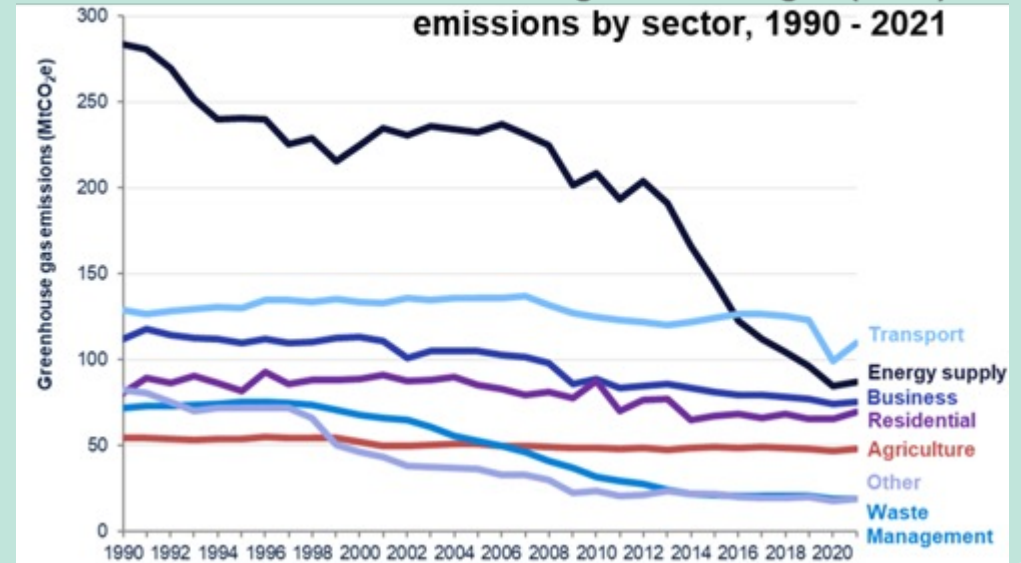
- Transport remains the largest emitting sector of the UK economy, accounting for 26% of domestic greenhouse gas (GHG) emissions in 2021.

UK domestic greenhouse gas (GHG) emissions by transport mode, 1990 - 2021



\*Comprises, in 2021: Rail, 1.6; Domestic Aviation, 0.7; Motorcycles and mopeds, 0.5; other transport, 1.7; other road transport, 0.6

UK domestic greenhouse gas (GHG) emissions by sector, 1990 - 2021



# The UK Government has set out an ambitious, cross-modal approach to reducing transport emissions...

- 2021 Transport Decarbonisation Plan
- 2021 Net Zero Strategy
- 2023 Net Zero Growth Plan, and accompanying Carbon Budget Delivery Plan



These publications detail the measures needed to decarbonise the transport sector in line with its contributions to our economy-wide commitments, and net zero by 2050.

## Key planks of our approach

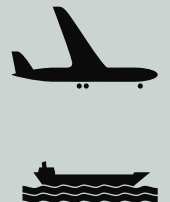
Accelerate the transition to zero emission road vehicles, with no new non-zero emission sales after 2040 – starting with cars and vans.



Ensure people have sustainable travel choices- whether that's by zero emission car, public transport or walking or cycling.

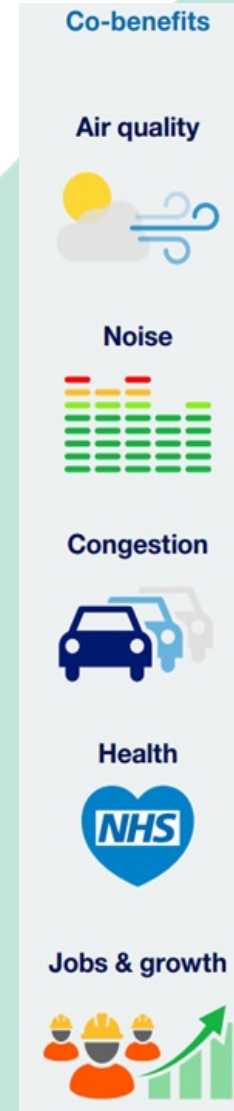


Increase the use of low carbon fuels in hard to decarbonise modes such as aviation and maritime, alongside continued R&D into zero emission tech options.



# Delivering decarbonisation through places

- In the Transport Decarbonisation Plan, we set out the importance of place-based solutions to emissions reduction.
- Of all UK emissions, 82% are within the scope of influence for Local Authorities.
- By 2050, we want every place in the UK to have its own net zero transport network- serving the unique needs of its communities.
- This is not only through the transition to zero emission cars and vans, and greener vans and lorries...
- but also enabling choice through making journeys more walkable and cyclable and helping people shift to public transport.



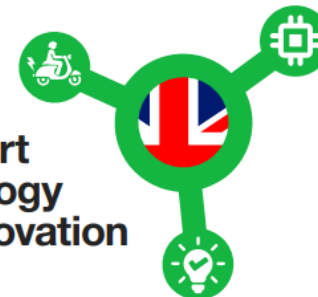
# Unlocking the benefits of innovation and technology

- Supporting the development of innovative technologies is a vital part of ensuring the UK is best placed to meet its net zero commitments.
- We want to help businesses and Local Authorities work together to unlock the benefits of technology and innovation in transport.
- We are working with Innovate UK on the Transport Decarbonisation Demonstrators.
- This includes in so-called 'hard to decarbonise areas'- which is why we are committing half of the funding available to tackle rural challenges.
- More complementary activities to come from Connected Places Catapult.

## Transport Decarbonisation Demonstrators

**Up to £2 million to support the development of place-based solutions to transport decarbonisation**

**UK as a hub for green transport technology and innovation**







# Transport Decarbonisation Demonstrators

Sophie Randall

Innovation Lead – Mobility and Cities

[sophie.randall@iuk.ukri.org](mailto:sophie.randall@iuk.ukri.org)

# 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.





# Scope



Innovate  
UK



# Competition aim

The aim of this competition is to support innovative R&D solutions that can demonstrate the potential to:

- reduce transport carbon emissions in local areas
- facilitate collaboration between Local Authorities (LA) and businesses

# Competition scope

Your proposal must:

- detail the potential to reduce carbon and other harmful emissions from the existing local transport network
- demonstrate the consideration of a place-based approach and how the solution proposed best meets the needs and attributes of the selected demonstration area
- identify the Local Authority capacity to support and be involved with the project
- illustrate how the innovation activity fits in with, and will support local strategies or plans, such as a Local Authorities' Local Transport Plan (LTP) or Net Zero strategy
- provide evidence of Local Authority senior leadership or senior level support for the proposed activity
- detail how the solution will be demonstrated

# Competition scope

On completion of the funded project, you must submit a report

The report must:

- quantify how the project supported the overall reduction in transport carbon emissions for the selected region or area
- identify any positive or negative outcomes or impacts as a result of the trial outside of decarbonisation
- describe the impact of adopting your local or place-based solution
- indicate whether the demonstrated solution could be replicated elsewhere and if so, where
- describe the future of the proposal in and beyond the local demonstration

# Eligibility

Your project must:

- have a grant funding request of between £100,000 to £500,000
  - start on 1 June 2024
  - end by 31 March 2025
  - last between 6 to 10 months
  - carry out all of its project work in the UK
  - intend to exploit the results from or in the UK
  - involve a minimum of two collaborative grant claiming partners
- 
- can be a previously submitted application
  - must be a feasibility studies or industrial research project, as defined in the [guidance on categories of research](#).

# Out of scope

We are not funding projects that are:

- looking solely at data gathering
- focusing on large scale infrastructure and not considering a place-based approach
- maritime projects including shipping and ports
- based on developing airport infrastructure or urban airports
- solely focused on on-vehicle developments
- using vehicles which are not zero-emission
- using vehicles are that over 7.5 tonne that do not support passenger transport, local authority operations or emergency services



# Funding

- Up to £2 million has been allocated to fund innovation projects in this competition.
- Of the £2 million allocated, up to £1 million will be reserved for rural transport solutions, including national parks and geographies with similar rural-associated transport challenges.
- Grant funding request of between £100,000 to £500,000
- Funding will be in the form of a grant.

# Portfolio approach

We want to fund a variety of projects across different technologies, geographies and types of place. We call this a [portfolio approach](#).

There is a radio button (unscored) within the application questions where applicants will be asked whether they would define their project as a primarily rural solution

# Consortium

## Lead organisation

To lead a project your organisation must be a UK registered business of any size.

## Project team

To be an eligible collaboration, the lead must collaborate with a minimum of at least one grant claiming Local Authority (LA) as part of their project team.

In addition, you can also invite other collaborative partners. To collaborate with the lead, your organisation must be one of the following UK registered:

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

Further information on 'local authority' classification can be found in the competition guidance.

# Research Participation

The research organisations undertaking non-economic activity as part of the project can share up to 50% of the total eligible project costs. If your consortium contains more than one research organisation undertaking non-economic activity, this maximum is shared between them.

Of that 50% you could get funding for your eligible project costs of up to:

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

# Non-funded partners and subcontractors

## Non-funded partners

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

## Subcontractors:

- permitted in this competition
- can be from anywhere in the UK
- must be selected through your usual procurement processes
- the use of any overseas subcontractor must be justified in your application, explaining why you could not use suppliers from the UK

# Number of applications

## **Businesses**

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

## **Local Authorities**

Local Authorities, or similar organisations as described, can only collaborate on two separate applications.

## **Other organisations**

Academic institutions, research and technology organisations (RTO), charities, not for profits or other public sector organisations can be included as a collaborator in any number of applications.



# Key dates

Activity	Date
Competition opens	27 November 2023
Applications close	8 January 2024
Notifications	14 February 2024
Projects start	1 June 2024
Projects ends	31 March 2025
Project funding ends	31 March 2025

Christmas notice: Please note Innovate UK customer support office is closed from 22<sup>nd</sup> December – 2<sup>nd</sup> January

# Summary

Projects must:

- reduce carbon and other harmful emissions from the existing local transport network
  - demonstrate the consideration of a place-based approach
  - identify the Local Authority capacity to support
  - illustrate how the innovation activity fits in with, and will support local strategies
  - provide evidence of Local Authority senior support
  - detail how the solution will be demonstrated
- 
- grant funding request of between £100,000 to £500,000
    - start on 1 June 2024, end by 31 March 2025
      - last between 6 to 10 months
        - UK business lead
    - must have at least one LA within the consortium
      - subcontractors allowed
    - feasibility study or industrial research projects

**Close date: 8<sup>th</sup> January  
at 11am**

# Scope Q&A



Innovate  
UK



# Multimodal Hubs: accelerating new solutions

29 November 2023 | 9am - 5.30pm



Innovate  
UK





# Transport Decarbonisation Demonstrators Competition Networking Event

6 December 2023

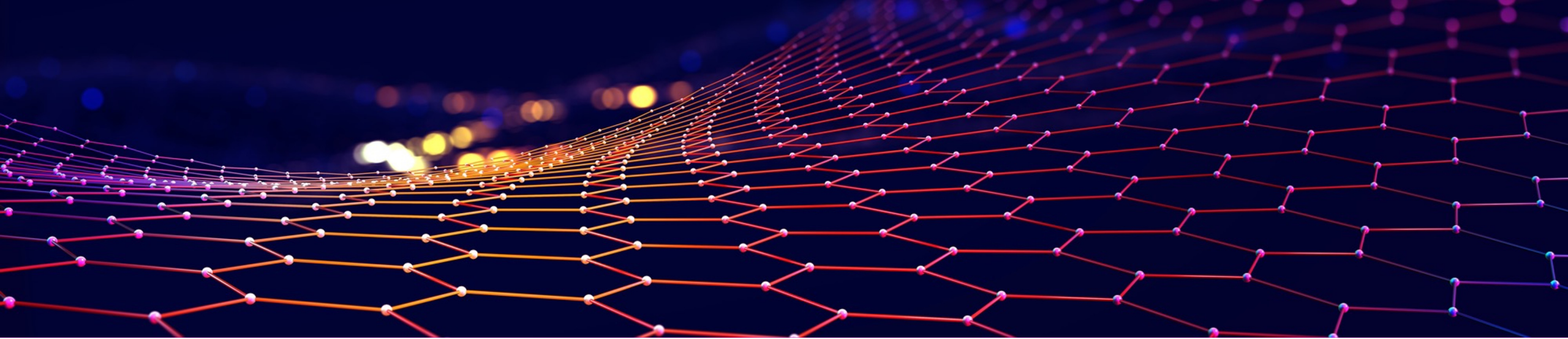
13:30-15:30

[Register Now](#)

[Already registered?](#)







## Comfort Break – Please come back at 11:20 AM

### Networking Events

- Multimodal Hubs – accelerating new solutions- 29<sup>th</sup> November , in-person, Milton Keynes(All day)
- Transport Decarbonisation Demonstrators online networking event - 6<sup>th</sup> December, 13:30 to 15:30
- Transport Decarbonisation Demonstrators online surgeries -11<sup>th</sup> and 12<sup>th</sup> December at 12 noon
- For bespoke connections and advice please contact [simon.buckley@iuk.ktn-uk.org](mailto:simon.buckley@iuk.ktn-uk.org)



# Eligibility criteria



# Eligibility criteria

*\*Delete/change as applicable\**

Project eligibility	<ul style="list-style-type: none"><li>• lead must be a UK registered business</li><li>• must be collaborative</li><li>• carry out all of its project work in the UK</li><li>• intend to exploit the results from or in the UK</li><li>• involve a minimum of two collaborative grant claiming partners</li></ul>
Total grant	between £100,000 to £500,000
Project length	Between 6 and 10 months



# Funding

## Funding rules

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

Funding is calculated by project participant

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

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



# Eligibility Criteria: Funding Levels

Feasibility studies and industrial research	Research organisations
70% if you are a micro or small organisation	100% funding
60% if you are a medium-sized organisation	
50% if you are a large organisation	

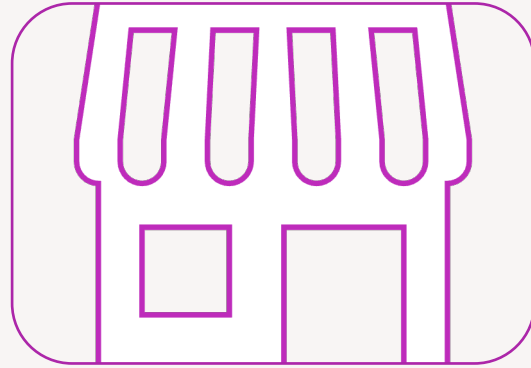
For more information:

<https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/categories-of-research-and-development/#contents-list>

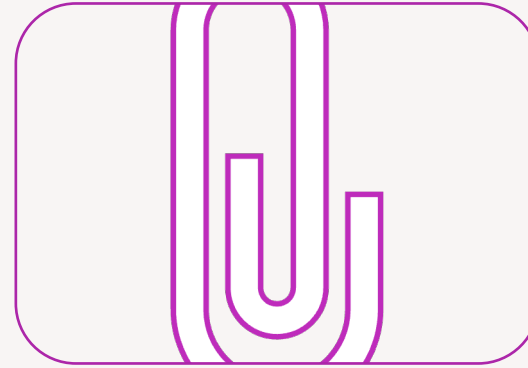
# Your Project Cost Categories



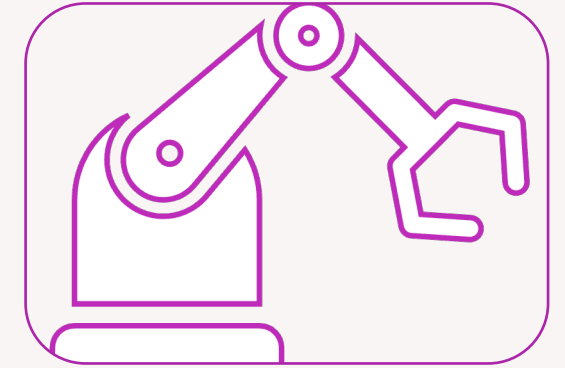
Labour



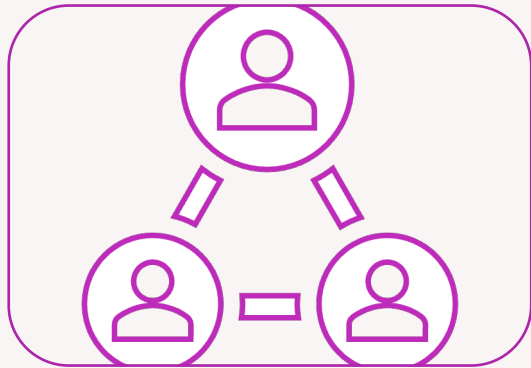
Overheads



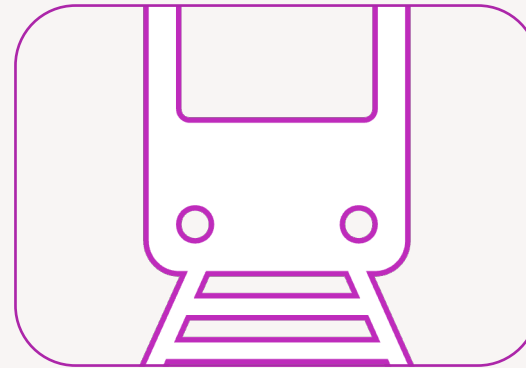
Materials



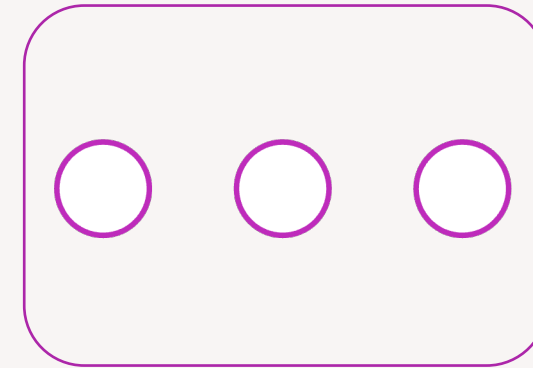
Equipment Usage



Subcontractors



Travel & Subsistence



Other

# Conditions of Award

Under the Subsidy Control Regime, we will conduct a financial review and seek assurances on your organisation, leadership team, and persons of significant control.

## 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. You must pass our financial review and assurances before being offered a conditional award.

# 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.

# Previously submitted applications

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



# Key Dates

Timeline	Dates
Competition Opens	27 November 2023
Briefing Event	28 November 2023
Submission Deadline (11am)	08 January 2024
Applicants informed	14 February 2024

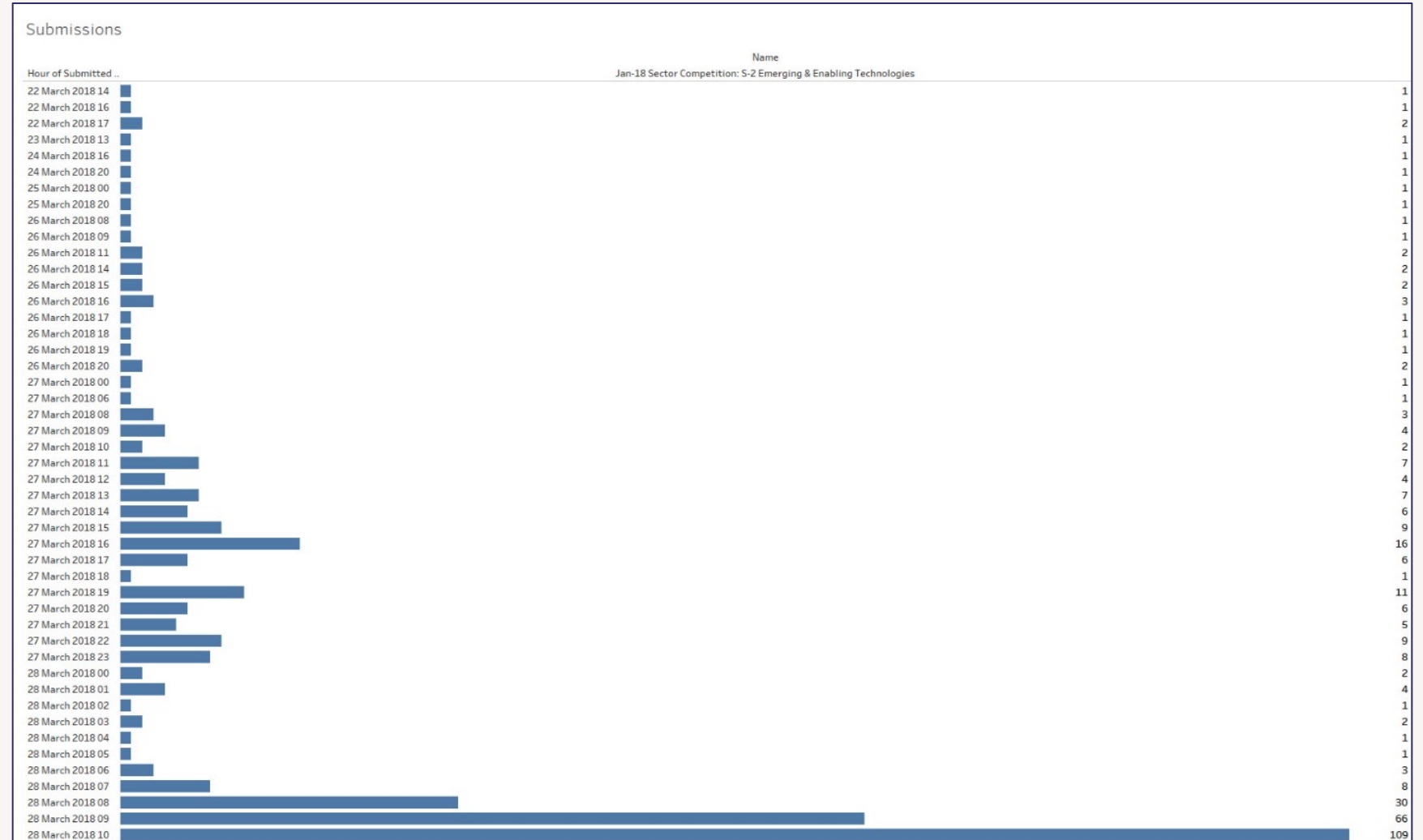
# Application Questions

Question	Appendix
Applicant location inc subcontractors (not scored)	No
Rural Focus (not scored)	Yes
Permits and Licences (not scored)	
Need or challenge	No
Approach and innovation	Yes
Team and resources	Yes
Market awareness	No
Outcomes and route to market	No
Wider impacts	No
Project management	Yes
Risks	Yes
Added value	No
Costs and value for money	No

# 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.



# Conditional offer of awarding

If you receive a notification saying you have been successful at the assessment stage, you will have a further 8 steps to complete in Project Setup.

These are:

- Project details
- Project team
- Documents
- Monitoring Officer allocation
- Bank details
- Finance checks
- Spend profile
- Grant Offer Letter

**Work can only commence on the project once you have signed and returned the Grant Offer Letter.**

# 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](#)

# 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.
- 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.



# What to Expect

1.

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

2.

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

3.

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

4.

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

5.

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



# 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



Innovate  
UK

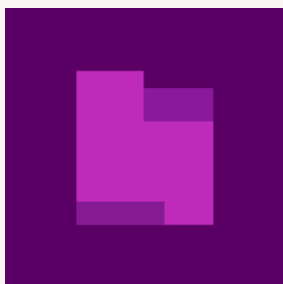


# Contact

## Customer Support Services

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

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



**Innovate UK**

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



**Innovate UK KTN**

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