



## **TRIG 2024 – Application Questions**

**This document is intended solely for accessibility purposes. If possible, please proceed to fill out the online application**

Thank you for your interest in TRIG 2024, we wish you a seamless and successful application process.

Throughout the application, you will be prompted to upload the following documents:

- Project plan
- Risk register
- Project finances
- Your organisation's logo

Each application will be scored using the following weighted criteria:

- Challenge – 25%
- Solution – 25%
- Project Management – 10%
- Impact & Sustainability – 25%
- Commercialisation – 15%

Please ensure that your company description, logo, and project summary are suitable for external communication purposes.

\*Mandatory questions

### **Section 1 – Company Information**

**\* Full Company Name**

**Website URL (if applicable)**

**\* Year of Establishment**

**\* How Many Permanent Employees Are There In The Organisation?**

- 0
- 2-10
- 11-50
- 51-100
- 100 above



**\* Companies House Registration Number**

**VAT Registration Number**

**\* What Type of Organisation Are You?**

- Micro Enterprises <10 Employees
- SME 10-249 Employees
- Large Company 250+ Employees
- Charity/Not for Profit/Third Sector Organisation
- Academic Organisation
- Local Authority/Public Sector Organisation

**\*If you are an Academic organisation please specify the school and department that will lead on this project**

**\*Are you a subsidiary of another organisation? Y/N**

**\*Please provide the name of the organisation of which you are a subsidiary.**

**\* Registered Office Address**

**\*Is your Trading Address the same as your Registered Office Address? Y/N**

This is where your business operates from and where the main activities of the TRIG project will be carried out from.

**\*What is your Registered Trading Address?**

**\*Region of your Trading Address**

- North East
- North West
- London
- East of England
- Yorkshire & The Humber
- Northern Ireland
- Scotland
- South East
- South West
- West Midlands



- East Midlands
- Wales

**\*Briefly describe your organisation's core activities and expertise: (200 words)**

**Highlight any awards, recognitions, or notable achievements related to your company or innovation. (200 words)**

**\*Please upload your organisation's logo below at this stage, the image will be used for promotional purposes so should be a high enough resolution. Acceptable file formats: PNG, JPEG, JPG, PDF Size Limit: 10mb.**

## **Section 2 – Due Diligence**

*The following questions may result in the termination of your application, so please ensure you provide the correct answers:*

(If number of Permanent Employees is above 0)

**\*Do You Carry Adequate Employers' Liability Insurance? Y/N**

**This is a pass/fail question. If you answer No, please do not continue your application.**

\*The TRIG program is subject to Minimum Financial Assistance (MFA) regulations. MFA dictates that organisations can only receive up to £315,000 in grant funding within the current fiscal year and the two previous ones. **If your application was successful, would the amount of funding you are seeking (up to £45,000) make you exceed the MFA threshold?**

Y/N/Not Applicable



This is a pass/fail question. If you answer **Yes**, please do not continue your application.

**If Not Applicable, Please Explain Why.**

**\*Does your organisation currently operate in the UK?** (excluding the Channel Islands and the Isle of Man) Y/N

This is a pass/fail question. If you answer **No**, please do not continue your application.

**\*Does your company comply with all applicable anti-slavery and human trafficking laws, statutes and regulations from time to time in force, including but not limited to the modern slavery ACT 2015?** Y/N

This is a pass/fail question. If you answer **No**, please do not continue your application.

**\*Within the past five years has your company or any other person who has powers of representation, decision or control in the company been convicted anywhere in the world of any of the offences within corruption, fraud, bribery, money laundering or participation in a criminal organisation?** Y/N

This is a pass/fail question. If you answer **Yes**, please do not continue your application.

**\*Is your company currently engaged in any material litigation which could impact on its reputation or trade?** Y/N

This is a pass/fail question. If you answer **Yes**, please do not continue your application.

**\*Is your company in breach of any obligations relating to the payment of tax or social security contributions?** Y/N

This is a pass/fail question. If you answer **Yes**, please do not continue your application.

## **Section 3 – Contact Details**

### **Company Contact Details**



**\*Company Email**

**\*Company Telephone Number**

## **Your Professional Information**

**\* What Is Your Name?**

**\* What Is Your Job Title?**

**\* E-Mail Address**

**\* Telephone Number**

### **LinkedIn Profile**

**\* Will you be the lead for this project? Y/N**

If Yes, please state the name of another contact who we can liaise with throughout the competition.

If No, please state the name of the main contact for the project.

**Full Name**

**Job Title**

**Email Address of the Main Contact**

**Telephone Number**

## **Finance Department Information**

**\* Finance Contact Name**

**\* Finance Contact's Telephone**

**\* Finance Contact's Email Address**



**Do you follow any working pattern that may impact our communications?** *Please note that Connected Places Catapult office is closed one Friday a fortnight starting 5<sup>th</sup> of April 2024.*

## **Section 4 – Project Proposal**

### **Challenge**

The following information carries a weight of 25% toward your final score, providing the opportunity to demonstrate that your project aligns with the challenge you have selected and that you have identified a problem that is a priority for the Department of Transport to address.

**\* What is the challenge being addressed by the proposed project?**

- Local Transport Decarbonisation
- Maritime Decarbonisation
- Emerging and Critical Technologies
- Nation-Specific Transport Solutions
- Open Call

**\* Can you describe the problem you are solving? (500 words)**

- How is the transport system impacted?
- What is the scale of the problem?
- Which population is affected by it?
- What scientific evidence supports the existence of this problem?
- Can you provide a source that highlights this problem?

### **Solution**

The following information carries a weight of 25% toward your final score, as you will clearly describe your project, providing evidence of its relevance in addressing the specified challenge. Your solution should embody novelty and innovation, whether through its benefits, features, business model, technology, or overall user experience.



*If successful, your project title and project summary will be used for marketing purposes within the TRIG cohort brochure, therefore, you give your consent for this summary to be published.*

**\* Project Title [20 words]**

**\* Project Summary: Summarize the key benefits of your solution in maximum 3 sentences.**

**\* What type of innovation are you developing?**

- Sustaining Innovation** (improve your business' existing offerings by providing new and exciting features)
- Disruptive Innovation** (a technology, process, or business model in an existing market)
- Architectural Innovation** (a solution in a market different from your existing market)
- Radical Innovation** (new services, technologies, and business models for an entirely new market)

**\* What categories does your solution fall into? (software, hardware, application, framework...)** (20 words) TRIG is aimed for projects between 2-4 Technology Readiness Level. Please refer to the Application Guidance document for further information regarding the TRL

**\*Please Indicate Which TRL Your Project Is Currently At:**

- TRL 1: Idea stage. Basic principles observed.
- TRL 2: Basic research; technology concept formulated.
- TRL 3: Experimental proof of concept achieved.
- TRL 4: Small scale prototype; technology validated in a lab or testing environment.
- Other TRL': if you think your proposal falls in a higher TRL, then it is not suitable for TRIG. Please contact us as there may be other opportunities available to you.

**\*Please justify your selection of this Technology Readiness Level (TRL) by elaborating on the preliminary work you have undertaken: (200 words**

**\* Please choose up to 3 sub-categories with which your project most closely aligns:**

- Micromobility Solutions



- Integration of Mobility Hubs and/or Shared Mobility Solutions
- Carbon Reduction / Capture / Storage Technology
- Hydrogen-Specific Solutions
- Air Quality
- Automation and AI Applications
- Modelling or Data Solutions
- Digital Twins
- Advanced Materials and Additive Manufacturing
- Sensor Technology
- Connectivity/Telecoms
- Artificial Intelligence
- Low and Zero-Emission Fuels or Energy Sources
- Low and Zero-Emission Vessel Technologies
- Land/Port Side Infrastructure
- Energy Efficiency Measures
- Smart Shipping Technologies
- Energy Infrastructure
- Increased safety of women on public transport
- Accessibility
- Engineering biology
- Skills/upskilling related solutions
- Weather resilience

**\*Describe your solution and its novelty, how/why is it innovative? (500 words)**

- What is the detailed description of your proposed solution?
- How does your solution specifically address the challenge?
- What cutting edge technologies and/or approaches are you making use of?
- What evidence or data supports the effectiveness of your solution?

**\*Describe the intellectual property status of your innovation (e.g., patents, trademarks, copyrights). (200 words)**

## **Section 5 - Project Management**





The following information carries a weight of 10% toward your final score, please outline your plan for delivering a successful project. Your plan must include the key milestones, resource allocation to tasks, skills and expertise within the team, health and safety management, ethics approval process (where required) and details of the key risks that will need to be managed.

**Please introduce the team that will be involved in the project, highlighting their expertise and background. This is the opportunity to show that your team is the most suited to deliver this project. (500 words)**

**Are all the team members required to deliver your proposed project in place already, or would you need to hire any new members of staff? If so, how many and how long will it take? (100 words)**

## Upload Documents

Using the templates provided below, please upload your Project Plan, Risk Register and Project Finances.

**\*Please complete your project plan using the template provided.**

Ensure it includes the activities or work packages that you intend to deliver as part of your TRIG project. Outlining aims, objectives, deliverables, milestones, and associated timescales.

**\*Please complete and upload your project risk register using the template provided.**

Outline the key risks and your management strategies to mitigate them. Indicate your health and safety management, ethics approval process where required.

**\*Please complete and upload your project finances using the template provided.**

List each person involved, along with their daily rate and number of days worked. Also include other costs, such as equipment, material, and contracting. Please provide below details of how much the project will cost to deliver and how the budget will be spent to ensure value for money.

**How much funding are you seeking from TRIG?**

Please input the Total Funding Sought from your Project Finances table

**How much in-kind and/or match funding, if any, are you bringing to the programme**



**Would you like to provide further details or context regarding the three documents you've uploaded? (500 words)**

## **Section 6: Impact & Sustainability**

*The following information carries a weight of 25% toward your final score. It is imperative that the funded solution generates a positive impact on the environment, society, and economy, in accordance with the Department for Transport's strategic aims and enablers.*

### Strategic Aims:

- Growing and Levelling Up the Economy - *Improve the connectivity across the UK and grow the economy by enhancing the transport network on time and on budget*
- Reducing Environmental Impact - *Improve transport users' experience, ensuring that the network is safe, reliable, and inclusive*
- Improving Transport for the User - *Tackle climate change and improve air quality by decarbonising transport*

### Strategic Enablers:

International

Science and Technology

Safety and Security

**What are the societal, environmental, and economic impacts of your project? (500 words)**

What strategies are you implementing to measure and mitigate any negative impacts?"

We seek to ensure that the organisations we work with are also committed to demonstrating Equality, Diversity & Inclusivity (EDI) practices in both current and future projects and operations. It is very important that you have thought about how you will design and develop your technology in an inclusive way.

**\*Please describe the strategy you will implement to ensure that the solution is inclusive and accessible. (500 words)**

This is an opportunity to demonstrate your commitment to equality, diversity, and inclusion (E&DI) principles. This could involve, for example, assembling a diverse team and testing ideas with a panel of underrepresented groups.



## **Section 7: Commercialisation**

TRIG projects should have a life beyond the end of the funding offered by this programme. You should be able to show that following successful demonstration of the feasibility of your idea, you have a thorough understanding of your approach to commercialisation and how this will be delivered. The following information carries a weight of 15% toward your final score.

### **\*What is your understanding of the intended market? (200 words)**

- What is the size of the market?
- What opportunities does your project present in the market?

### **\*What indirect or direct competitors have you identified in the UK and worldwide? (200 words)**

- How does your solution differ from competitors?

### **Please describe an achievable route to market (200 words)**

- Is it a Business to Business (B2B) or Business to Consumer solution (B2C)?
- Who will be your direct and end clients?
- How do you plan to scale your solution?
- What is your strategy for market introduction? (business model and promotion)
- What stakeholder engagement strategy do you consider?

## **Section 8: Equality Diversity & Inclusion Survey**

Connected Places Catapult is collecting equity, diversity, and inclusion (ED&I) data to promote and ensure equality of access for the programme it delivers. This data will help us monitor the performance of efforts to promote ED&I in research and business innovation. All personal data will be processed in accordance with current UK data protection legislation, including the Data Protection Act 2018 and the UK General Data Protection Regulation (UK GDPR).



**Do you have any specific EDI procedures, practices, and policies for your workplace and workforce? Y/N**

**Do you measure EDI in your workplace or across your workforce? Y/N**

**If yes, how so? (500 words)**

**Please can you tell us about the ethnicity of the team who will be delivering work funded by this grant? Please indicate all categories which apply.**

- Asian/Asian British
- Black/African/Caribbean/Black British
- Mixed/Multiple Ethnic Groups
- White
- Prefer not to say
- Other Ethnic Group:

**If other ethnic group, please specify. (100 words)**

**Please indicate the overall percentage of people from minority ethnic groups that will be delivering work funded by this grant:**

- 0%
- 1 – 20%
- 21% - 40%
- 41% - 60%
- 61% - 80%
- 80% - 100%

**Please indicate the overall percentage of women within your project team:**

- 0%
- 1% – 20%
- 21% - 40%
- 41% - 60%
- 61% - 80%
- 80% - 100%



**Please can you tell us if the activities of team members are ever affected by a disability, impairment or long-term illness which has lasted, or is expected to last, at least 12 months? Y/N/Prefer not to say**

**If yes, please provide details: (100 words)**

The following questions are about EDI within the organisation as a whole.

**Please can you tell us about the ethnicity of the Founder(s) or CEO of the organisation?  
Please indicate all categories which apply.**

- Asian/Asian British
- Black/African/Caribbean/Black British
- Mixed/Multiple Ethnic Groups
- White
- Prefer not to say
- Other Ethnic Group:

**If other ethnic group, please specify. (100 words)**

**Please can you tell us about the gender of the Founder(s) or CEO of the organisation?  
Please indicate all categories which apply.**

- Male
- Female
- Non-binary
- Prefer not to say
- Other

**Please specify. (100 words)**

**Please indicate the overall percentage of people from minority ethnic groups working in the organisation:**

- 0%
- 1% – 20%
- 21% - 40%
- 41% - 60%
- 61% - 80%
- 80% - 100%



**Please indicate the overall percentage of women working in the organisation:**

- 0%
- 1% – 20%
- 21% - 40%
- 41% - 60%
- 61% - 80%
- 80% - 100%

## **Section 9: Programme participation**

**\*What is your previous experience with grant funding programmes?**

- This is my first time applying for the TRIG programme
- I have applied for TRIG before, but did not get selected
- I have applied for TRIG before, and was offered an interview, but did not get selected in the end
- I am an Alumnus/a of TRIG
- I am an Alumnus/a of a different Catapult/DfT programme

**Please provide more detail about the programmes you have previously applied for or participated in. (200 words)**

**\*Are you collaborating or partnering with anyone else for this TRIG application?**

- Consortium Members
- Subcontractors
- Other Partners (who may be providing expertise, time, data etc)
- Not Applicable

**\*Please provide more information about the other partners you are collaborating with. (200 words)**

**Are there any specific forms of business support you expect from the programme? (200 words)**



\*The TRIG programme will require your participation and full commitment across its 6 months duration, you must be prepared to fully engage with the process and any associated events. Therefore, should you accept a position on the TRIG programme, you agree to attend monthly online events, completing monthly project progress reports and attend an in-person showcase event in May 2025.

**Would you like to add any information or comment to complement your application? (200 words)**

### **Future opportunities and feedback**

**\* Can Connected Places Catapult (CPC) contact you about other innovation research competitions? Y/N**

**\*If your application is successful, Connected Places Catapult would also like to share your project details with partners who may be interested in working with you to progress the results of the project. Please indicate if you do or do not wish for the Connected Places Catapult to share your project details. Y/N**

**\*How did you hear about the programme?**

- Social Media (LinkedIn, Twitter)
- Promoted/Sponsored LinkedIn Post
- Connected Places Catapult Newsletter
- 3rd Party Newsletter
- Word of mouth
- Invitation
- Other – please specify

**What do you think of the application process? (200 words)**

**How long did it take you to complete the questionnaire? (200 words)**

### **Terms & Conditions**



**Transport Research and Innovation Grants**

Department for Transport

\*I hereby submit our application on the full understanding that any resulting offer of a place on the Programme shall be subject to the provisions of the information included in the supporting Application Guidance document and the clauses outlined in the Terms & conditions. I certify that the information set out in this Application Form is true and complete. I understand that if any of this information is subsequently discovered to be false or misleading, the organisation's participation in the Programme will be void.