Welcome

Driving the Electric Revolution: Building Talent for the Future 2
- for projects up to £50,000

9 March 2022
# Agenda (timings)

<table>
<thead>
<tr>
<th>#</th>
<th>Item</th>
<th>Approximate Timings</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Welcome &amp; Introductions</td>
<td>09:00</td>
<td>Abbie Wood</td>
</tr>
<tr>
<td>2</td>
<td>Driving the Electric Revolution Challenge Overview</td>
<td>09:05</td>
<td>Venn Chesterton</td>
</tr>
<tr>
<td>3</td>
<td>Building Talent for the Future – Aims and Scope</td>
<td>09:10</td>
<td>Iain Mauchline</td>
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<tr>
<td>4</td>
<td>Competition Scope: Q&amp;A</td>
<td>09:30</td>
<td>Sven asking Iain Mauchline</td>
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<tr>
<td>5</td>
<td>Competition Process</td>
<td>09:45</td>
<td>Abbie Wood</td>
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<td>6</td>
<td>Competition Process: Q&amp;A</td>
<td>10:00</td>
<td>Sven asking Abbie Wood</td>
</tr>
<tr>
<td>7</td>
<td>Support from Innovate UK</td>
<td>10:15</td>
<td>Sven Knowles</td>
</tr>
<tr>
<td>8</td>
<td>Summary</td>
<td>10:25</td>
<td>Venn Chesterton</td>
</tr>
<tr>
<td>9</td>
<td>Close</td>
<td>10:30</td>
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</tbody>
</table>
Welcome and Introductions

UK Research and Innovation:
• Venn Chesterton  
  Deputy Challenge Director,  
  Driving the Electric Revolution
• Dr Iain Mauchline  
  Innovation Lead,  
  Driving the Electric Revolution &  
  Electronics, Sensors & Photonics

Innovate UK:
• Abbie Wood  
  Portfolio Manager, Innovate UK

Innovate UK KTN:
• Dr Sven Knowles  
  Knowledge Transfer Manager
Introduction to Innovate UK and UKRI

Abbie Wood
We work with the government to invest over £7 billion a year in research and innovation by partnering with academia and industry to make the impossible, possible.

Through the UK’s nine leading academic and industrial funding councils, we create knowledge with impact.
Innovate UK drives productivity and economic growth by supporting businesses to develop new ideas.

We connect businesses to the people that can help them, and fund businesses and research collaborations in all economic sectors, value chains and UK regions to accelerate innovation.
Innovation is the key to UK’s future growth and prosperity

UK ranks 4th in Global Innovation Index

Innovation accounts for up to 50% of labour productivity growth

Firms that persistently invest in R&D have higher productivity

Innovating companies are more likely to export and generate growth
Aims of today’s briefing

To bring the scope and guidance to life, so that you fully understand the competition and the relevant rules and processes for applying for and undertaking a project.

To give you the opportunity to ask us questions, and get appropriate guidance.

To highlight where you can find help at KTN, including networking opportunities and application advice.
Driving the Electric Revolution

Venn Chesterton
Challenge Overview

Venn Chesterton
Deputy Director – Driving the Electric Revolution
Driving the Electric Revolution

Power Electronics, Electric Machines and Drives (PEMD)
Identify key gaps in the UK PEMD supply chain and help industry fill them enabling delivery of Net Zero

Funding for industry
Investing £80m of ISCF funding for R&D projects

Networking and collaboration
Connecting industry, academia, RTOs & the government

Industrialisation and manufacturing
Leverage the UK’s world leading research capability in PEMD

Talent growth
Define & fill the PEMD skills gap by training, upskilling & reskilling
Driving the Electric Revolution – Supply chain

**Power Electronics**
Development of semiconductors (Si, SiC, GaN) and their packaging to enable switching of high power (voltage and/or current) whilst minimising loss

**Electric Machines**
Conversion between electrical energy and kinetic energy through electromagnetic, mechanical & thermal design optimised for each application

**Drives**
Intelligent digital control systems embracing power electronics, passive components, thermal management, mechanical design and the overall system

**Manufacturing**
- Materials processing
- Component manufacture
- System integration

**Supply chain**
- Re-use and recycling

UK Research and Innovation
10-point plan

- Driving the Electric Revolution is focused on building back better, supporting green jobs, and accelerating our path to net zero.

- Power Electronics, Machines and Drives (PEMD) growth will deliver high-skilled high-paid jobs that offer the extra satisfaction of helping to make our nation cleaner, greener and more beautiful.

- We must look to manufacture the core technology to enable the Green Industrial Revolution. Importing technology will result in erosion of the sovereign supply chain and all the skills being delivered must encompass the manufacturing.

“If we apply the same zeal and ingenuity to stopping climate change as we have to tackling coronavirus, we can do so while transforming our economy, delivering jobs and growth across the country.”
Driving the Electric Revolution challenge funding distributed to industry through tailored programmes addressing key opportunities in the UK PEMD supply chain: R&D, collaboration, talent, equipment & expertise.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
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<tbody>
<tr>
<td>£5m</td>
<td>Short, high impact, high resilience supply chain CR&amp;D projects</td>
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<tr>
<td>£6m</td>
<td>Initiatives in addressing the skills gap through training, upskilling and reskilling</td>
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<tr>
<td>£7m</td>
<td>Fast start accelerated supply chain CR&amp;D activities</td>
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<tr>
<td>£22m</td>
<td>Flagship programme for high value/low volume &amp; high volume/high efficiency manufacturing supply chain CR&amp;D projects</td>
</tr>
<tr>
<td>£33m</td>
<td>Industrialisation centres supporting industrial engagement with new equipment &amp; expertise in PEMD scale up &amp; manufacturing</td>
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</table>
Driving the Electric Revolution Skills

Use Driving the Electric Revolution Challenge funding and access to industry expertise to efficiently and effectively add value, inclusivity and diversity in key areas of the UK’s PEMD workforce, building on and complimenting existing skills initiatives in electrification sectors

• Building Talent for the Future (1) competition – BTFTF1
  • Quickly fill key skills gaps. Projects are just about to start see
    • https://www.ukri.org/news/developing-the-uk-pemd-skills-landscape/

• PEMD Skills Hub competition
  • Central hub providing signposting & access to training courses for UK PEMD community including learners & businesses, material for educators, and engaging information for outreach

• Building Talent for the Future (2) competition – BTFTF2
  • This current presentation is for projects with costs of up £50k
Competition Aims and Scope
Driving the Electric Revolution: Building Talent For The Future 2

Dr Iain Mauchline
Innovation Lead– Driving the Electric Revolution and Electronics, Sensors & Photonics
Competition Aim

• Innovate UK’s Driving the Electric Revolution challenge will invest up to £4.5 million in projects building talent for the future.

• The aim of this BTFTF2 competition is to create and deliver course content and materials that will support skills, talent and training across Power Electronics, Machines and Drives (PEMD) manufacturing and supply chains - building awareness of PEMD and filling key gaps in the UK’s workforce talent and training capabilities.

• BTFTF2 has two competition strands:
  o the full stage competition (for projects £50k to £1M) following on from a successful EoI application and is by invitation only
  o a separate, open competition for projects with costs below £50K, for which you do not need to have applied into the expression of interest round (this briefing event)
We aim to fund a portfolio of projects, across a variety of key industrial needs and gaps in UK PEMD workforce skills, talent pipeline and training capabilities.

The projects should demonstrate:

- strong industrial links and a well-defined industry focus
- an understanding and awareness of the PEMD industrial skills that are currently lacking and possible future requirements to enable the workforce
- an innovative, ambitious and realistic idea, to meet a significant PEMD talent requirement
- planning for, and commitment to, creating and maintaining the resource on an ongoing basis for a minimum period of 3 years after project completion
- considerations of Equality, Diversity and Inclusion (EDI)
  - how will you provide new opportunities not already available, to the UK, a region or a specific group of underrepresented people and not already available as the capacity and capability to be delivered the project successfully and on time
- value for money and evidence a return on investment, in terms of trained, upskilled & reskilled people
- compatibility with the PEMD Skills Hub
The projects can:

- produce content and material for outreach, engagement and learning purposes
- conduct PEMD outreach and engagement exercises to individuals, academia, industry and other groups
- generate and deliver course material or facilitate the running of courses
- provide training or incentives for training to specific groups of underrepresented people or in specific training subjects

This list is not intended to be exhaustive and we are open to discussions on projects outside of these themes.
Your project must focus on one or more of the following:

- defining and filling key gaps in the UK’s PEMD manufacturing and supply chain workforce and training capability
- producing industry compatible training programs in PEMD
- promoting skills in design for manufacture and design for assembly
- increasing interaction between academia or training establishments and industry to ensure skills streams for the future, including: apprenticeships, internships, sandwich courses
- delivering academic courses or practical training areas such as: schools’ engagement, upskilling and reskilling of existing workforce, technical courses and vocational training, undergraduate, postgraduate and continuing professional development (CPD)
Your project must focus on one or more of the following:

- delivering academic courses or practical training areas such as HE, FE, technical colleges
- improving the quality and/or capacity of existing training delivery
- outreach and engagement material focusing on PEMD for all ages and levels in academia and industry
- supporting and promoting equality, diversity, and inclusion within PEMD technology training, manufacturing, or research
- providing training or incentives for training to specific underrepresented groups of people or in specific training subjects
Out of Scope

We have limited funding our aim is to provide best value for the PEMD community.

We will **not** be funding projects that:

- ✗ are not related to PEMD skills
- ✗ do not address a clear industrial need
- ✗ are PEMD CR&D projects
- ✗ have total project costs in excess of £50,000 (in this strand)
- ✗ are dependent on export performance
- ✗ are dependent on domestic inputs usage
- ✗ concern maintenance, servicing mechanics or aftermarket support
Participation: Project size & Duration

As mentioned previously BTFTF2 will have two strands.

• This briefing is for projects with costs under £50K and does not require participation in the Expression of Interest
• Funding will be available for up to 12 months
# Key Dates

<table>
<thead>
<tr>
<th>Timeline</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Competition opens</td>
<td>w/c 7 March 2022</td>
</tr>
<tr>
<td>Briefing event</td>
<td>7 March 2022</td>
</tr>
<tr>
<td>Submission deadline</td>
<td>27 April 2022 at 11:00am</td>
</tr>
<tr>
<td>Applicants informed / feedback</td>
<td>1 July 2022</td>
</tr>
<tr>
<td>Projects to start by</td>
<td>1 October 2022</td>
</tr>
</tbody>
</table>
Summary: BTFTF2

- Two strands
  - the full stage competition (for projects £50K to £1M) following on from a successful Expression of Interest application and is by invitation only.
  - **this briefing** is for projects with costs up to £50K, open to any eligible participant
- Up to £4,500,000 available for a portfolio of projects across both strands to address the PEMD skills requirements
- Can be led by any UK registered organisation
- Within this strand projects can be funded for up to 12 months (i.e. for projects up to £50K)
- Any funded project will be expected to have an ongoing legacy to support the skills requirements
Competition Scope

Q&A

Sven Knowles asking Iain Mauchline
Eligibility criteria

Abbie Wood
## Previously submitted applications

This competition **does** allow you to submit a previously submitted application.

<table>
<thead>
<tr>
<th>Previously submitted application</th>
<th>Not a previously submitted application</th>
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</thead>
<tbody>
<tr>
<td>A previously submitted application is an application Innovate UK judges as <strong>not</strong> materially different from one you have submitted before (but it can be updated based on the assessors' feedback)</td>
<td>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: ✓ has been updated based on assessor feedback ✓ <strong>and</strong> is materially different from the application submitted before ✓ <strong>and</strong> fits with the scope of this competition</td>
</tr>
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</table>
### Eligibility criteria

<table>
<thead>
<tr>
<th>Project eligibility</th>
<th>To lead a project or work alone, you must:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>• be a UK registered business of any size, research organisation, research and technology organisation (RTO), academic institution, charity, not-for-profit, or public sector organisation</td>
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<tr>
<td></td>
<td>• carry out its project work in the UK</td>
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<tr>
<td></td>
<td>• intend to exploit the results from or in the UK</td>
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</table>

<table>
<thead>
<tr>
<th>Total costs</th>
<th>no more than <strong>£50,000</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Project start date</td>
<td>by 1 October 2022</td>
</tr>
<tr>
<td>Project length</td>
<td>between 6 and 12 months</td>
</tr>
</tbody>
</table>
Types of organisations we fund

• Business – Small/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
Compliance with the UK Subsidy Control Regime

On 1 January 2021, the UK left the EU and is no longer subject to EU laws on State aid. We draw your attention to the guidance issued by BEIS: Complying with the UK’s international obligations on subsidy control: guidance for public authorities. Please be aware this is a living document and may be updated by BEIS as time progresses.

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 BEIS Subsidy Control Regime, 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 Subsidy Control. To ensure that Innovate UK remains compliant with the UK’s international Subsidy Control 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 Subsidy Control Regime – this will be reflected in the terms and conditions of any award.
Minimal Financial Assistance (MFA, previously Special Drawing Rights)

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

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

The applicable period is made up of:
(a) the elapsed part of the current financial year
(b) the two financial years immediately preceding the current financial year

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

We will carry out financial health checks and going concern assurances on your organisation.

Certify you are eligible

When submitting an application, you must certify that you are eligible for funding. If you are unsure, please take independent legal advice before applying. Should you be successful, we will complete these financial checks and assurances before confirming the grant offer.

For more information on company sizes, please refer to the Company accounts guidance.

Further information is available on our website in the general guidance.
Eligibility Criteria - EU State Aid Regulations – Northern Ireland Protocol

If you are an applicant who is conducting activities that will affect trade of goods and/or electricity between Northern Ireland and the EU as envisaged by Article 10 of the Northern Ireland protocol, then you must apply under European Commission State aid rules.

Certify you are eligible

When submitting an application, you must certify that you are eligible for State aid. If you are unsure, please take legal advice before applying. Should you be successful, we will apply this test as part of our viability checks before confirming the grant offer.

Further information is available on our website in the general guidance under state aid.

If you are applying for an award funded under State aid Regulations, the definitions are set out in the European Commission Recommendation of 6 May 2003.
Eligibility Criteria: Funding Opportunities

You can claim up to 100% of your total eligible costs, up to a limit of £50,000.
What is collaboration?

In all collaborative projects there must be:

• at least two organisations claiming grant within the application (including the lead)
• 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
*across both strands of the competition

- An organisation can only lead on one application but can be included as a collaborator in a further 2 applications.
- If an organisation is not leading any application, it can collaborate in up to 3 applications.
- If your organisation's number of applications falls outside of our eligibility criteria, you must provide justification by email to support@iuk.ukri.org at least 5 working days before the competition closes. We will decide whether to approve your request.

**If you are included in more than one application within this strand, please be mindful of the MFA grant funding limit of £315,000 over a 3-year rolling financial period.
Other Innovate UK projects

If you have an outstanding final claim and/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.
# Key Dates

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</table>
Search for a funding competition and review criteria

Innovation competitions

UK-South Korea Collaborative R&D

UK registered businesses can apply for a share of up to £2 million for this competition. This funding is for the purpose of developing innovative proposals with South Korea.

Eligibility
This competition is open to collaborations only. To lead a project your organisation must:

- be a UK registered business of any size
- be or involve at least one grant claiming UK registered micro, small or medium-sized enterprise (SME)
- collaborate with a South Korea registered business, which must be a separate non-linked entity to the UK project partners

Open now
Opened: 14 February 2022
Closes: 6 July 2022

Funding competition
UK-South Korea Collaborative R&D

UK registered businesses can apply for a share of up to £2 million for this competition. This funding is for the purpose of developing innovative proposals with South Korea.

Competition opens: Monday 14 February 2022
Competition closes: Wednesday 6 July 2022 11:00am

Start new application

Or sign in to continue an existing application.

Description
Innovate UK, part of UK Research and Innovation, will invest up to £2 million in innovation projects in partnership with the Korea Institute for Advancement of Technology (KIAT).

The aim of this competition is to fund collaborative research and development (CR&D) projects focused on industrial research. Your proposal must include at least one partner from the UK and one partner from South Korea.

The projects we fund are expected to result in a new product, industrial process or service, be innovative, involve a technological risk, and have high market potential in the participating countries.
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.

• **Academics and RTOs**
  Enter your information manually so you are not listed as a business on IFS and ensure you receive the correct funding.
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.

**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.

**Equality, Diversity and Inclusion** – Complete the survey and tick yes

**Project Summary** - Short summary and objectives of the project including what is innovative about it

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

**Scope** - How does your project align with the scope of this competition? - If your project is not in scope, it will be immediately rejected and will not be sent for assessment.
## Application Questions
Detailed guidance available on IFS

<table>
<thead>
<tr>
<th>Application form</th>
<th>Appendix?</th>
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</thead>
<tbody>
<tr>
<td>Question 1</td>
<td>Applicant location (unscored)</td>
</tr>
<tr>
<td>Question 2</td>
<td>Minimal Financial Assistance declaration (not scored)</td>
</tr>
<tr>
<td>Question 3</td>
<td>Industry skills requirements and landscape awareness (out of 25)</td>
</tr>
<tr>
<td>Question 4</td>
<td>Approach and deliverables (out of 25)</td>
</tr>
<tr>
<td>Question 5</td>
<td>Project delivery, costs and team (out of 25)</td>
</tr>
<tr>
<td>Question 6</td>
<td>Impact, exploitation, continuity planning and added value (out of 25)</td>
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</tbody>
</table>
Minimal Financial Assistance (MFA) declaration form

Declaration statement

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

or

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

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td>Body who provided the funding (Who awarded you the funding?)</td>
<td>Funding Amount received in GBP</td>
<td>Funding Amount received in Euros (only use this column to declare your conversion of the De minimis funding you previously received in euros)</td>
<td>Date awarded</td>
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DECLARATION:

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

<table>
<thead>
<tr>
<th>Company</th>
<th>Applicant Name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
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</table>

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

## Your project costs

Provide the project costs for ‘Empire Ltd’

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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labour</td>
<td>£50,000+</td>
</tr>
<tr>
<td>Overhead costs</td>
<td>£0+</td>
</tr>
<tr>
<td>Overhead costs</td>
<td>£0+</td>
</tr>
<tr>
<td>Materials</td>
<td>£20,000+</td>
</tr>
<tr>
<td>Capital usage</td>
<td>£0+</td>
</tr>
<tr>
<td>Subcontracting</td>
<td>£100,000+</td>
</tr>
<tr>
<td>Travel and subsistence</td>
<td>£0+</td>
</tr>
<tr>
<td>Other costs</td>
<td>£0+</td>
</tr>
</tbody>
</table>

‘Empire Ltd’ Total project costs £170,000
Labour

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

Ineligible:
• dividends
• bonuses
• non productive time
• overtime

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 232

Number of staff and roles within the project

<table>
<thead>
<tr>
<th>Role within project</th>
<th>Gross employee cost</th>
<th>Rate (£/day)</th>
<th>Days to be spent by all staff at this grade</th>
<th>Total costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>50000</td>
<td>£216</td>
<td>120</td>
<td>£25,862</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>£0</td>
<td>0</td>
<td>£0</td>
</tr>
</tbody>
</table>

Total labour costs £25,862

Add another role
Innovate UK’s definition
Additional costs and operational expenses incurred directly as a result of the project. These could include additional costs for administrative staff, general IT, rent and utilities

Indirect (administration) overheads
Please ensure they are additional and directly attributable to the delivery of the project

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

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

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

---

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Cost per item (£)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software</td>
<td>1</td>
<td>10000</td>
<td>£10,000</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>£0</td>
</tr>
</tbody>
</table>

Add another materials cost

Total materials costs £10,000
Eligible:

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

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

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

Justified and quantified.

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

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

Costs to be justified and appropriate to the total eligible project costs.
Travel and subsistence

Eligible:
Costs must be directly linked to the project.
Please breakdown your costs as follows:
• Travel
• Accommodation
• Subsistence
If you have an annual trip to visit the parent company this is not an eligible cost.

![Travel and subsistence table]

<table>
<thead>
<tr>
<th>Purpose of journey or description of subsistence cost</th>
<th>Number of times</th>
<th>Cost each (£)</th>
<th>Total (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel to robotics labs for testing</td>
<td>12</td>
<td>100</td>
<td>£1,200</td>
</tr>
<tr>
<td>monthly project meetings</td>
<td>12</td>
<td>150</td>
<td>£1,800</td>
</tr>
</tbody>
</table>

Total travel & subsistence costs £3,000
## Other costs

Costs that could not be added under previous headings

Do not double count

Patent filing costs for new IP – SMEs **up to £7,500**

<table>
<thead>
<tr>
<th>Description and justification of the cost</th>
<th>Estimated cost (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="#">Add another cost</a></td>
<td>0</td>
</tr>
</tbody>
</table>
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
  • 01793 444164
Submitting your application
Project cost summary

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

Ensure the highlighted costs fit the criteria for this competition:

- total project costs must be no more than £50,000
- All organisations can see a summary of project costs

This is the level of cost detail that the assessors will see during the assessment process.
Checking your finances are complete

All organisations have marked their finances as complete.

IFS DOES NOT VALIDATE YOUR TOTAL PROJECT COSTS

<table>
<thead>
<tr>
<th>Finances Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>The following organisations have not marked their finances as complete:</td>
</tr>
<tr>
<td>• EMPIRE LTD</td>
</tr>
<tr>
<td>Return to the finances section to complete your finances</td>
</tr>
<tr>
<td>This application cannot be submitted unless finances have been marked as complete by all partners.</td>
</tr>
</tbody>
</table>

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

Remember to press ‘Submit application’

Reopen by clicking here

Terms and conditions
You must agree to these before you submit your application.

Award terms and conditions

Review and submit 📖 Print your application

Terms and conditions

Award terms and conditions

Submit application

Need help with this service? Contact us

Innovate UK
Submit your application early!

Customer Support can help resolve any issues you might have when submitting but only if they are contacted before the deadline. Once the deadline has passed, your application cannot be submitted.
Assessment
How do our assessors assess?

www.improveme.uk.uci.org
0345/001 4167
How are successful applications selected for funding?

www.innovateuk.ukri.org
0300 321 4357
Project setup for successful applicants
Notification

If you are unsuccessful in this competition
You can use the feedback from the assessors to develop your idea and apply into another competition that allows previously submitted applications

If you are successful in this competition
• you will be assigned a Delivery Executive who will guide you through the Project Set Up process
• you will have 7 days to complete the project team, project details and bank details
• you will then have 83 further 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).

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 visit from the appointed Monitoring Officer.
Competition Process

Q&A

Sven Knowles asking Abbie Wood
Innovate UK KTN
Driving the Electric Revolution: Building Talent for the Future 2
How We Support Organisations
9 March 2022

Dr Sven Knowles
KTM – Electronic Systems
sven.knowles@ktn-uk.org
Innovate UK KTN
Connecting for Positive Change

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 KTN connects ideas, people and communities to drive innovation that changes lives.
Innovate UK KTN and Driving the Electric Revolution

• Signpost companies to identify and address funding
• Provide deep expertise to make Connections and Networks
• Drive powerful connections with businesses
• Assist companies in forming partnerships/collaborations/projects

• Advise companies in their submission
  • Light touch reviews
  • Guidance documents, eg Good Application Guide
  • Highlight key features of a good proposal
  • Provide recommendations, eg proposals that excites and inspires

• Create collaboration mechanisms, events, and Webinars including ‘Engage With…’
Innovate UK funding portal

- [https://apply-for-innovation-funding.service.gov.uk/competition/search](https://apply-for-innovation-funding.service.gov.uk/competition/search)
What Innovate UK KTN do – Growth Through Innovation

**Connecting**
- Finding valuable partners
- Project consortium building
- Supply Chain Knowledge
- Driving new connections
- Articulating challenges
- Finding creative solutions

**Funding**
- Awareness and dissemination
- Public and private finance
- Advice – project scope
- Advice – proposal mentoring
- Project - follow-up

**Influencing**
- Promoting Industry needs
- Informing policy makers
- Informing strategy
- Communicating trends and market drivers

**Supporting**
- Intelligence on trends and markets
- Business Planning support
- Success stories / raising profile

**Navigating**
- Navigating the innovation support landscape
- Promoting coherent strategy and approach
- Engaging wider stakeholders
- Curation of innovation resources
Innovate UK KTN Offer

- Signpost companies to identify and address funding
- Provide deep expertise to make Connections and Networks
- Drive powerful connections with businesses
- Assist companies in forming partnerships/collaborations/projects
- Advise companies in their submission
  - Light touch reviews
  - Guidance documents (eg Good Application Guide) that
    - Highlights key features of a good proposal
    - Provide recommendations, eg write a proposal that excites and inspires
Top tips on a good application

Engage with...LIVE!

Tuesday 29 March | 9:00 – 17:30
The Octagon Centre, Sheffield
Thank You

- Driving the Electric Revolution Landing pages
  
  www.ktn-uk.org/electronics/der-iscf-challenge/

- View previous and register for upcoming ‘Engage With…’ webinars
  
  www.ktn-uk.org/news/driving-the-electric-revolution-webinar-series/

- Driving the Electric Revolution Challenge newsletter
  
  info.ktn-uk.org/p/2VFU-7JI/driving-the-electric-revolution-sign-up/

- Innovate UK KTN connects ideas, people and communities to drive innovation
  
  sven.knowles@ktn-uk.org    paul.huggett@ktn-uk.org
Summary: BTFTF2

• Two strands
  • the full stage competition (for projects £50K to £1M) following on from a successful Expression of Interest application and is by invitation only.
  • **this briefing** is for projects with costs up to £50K, open to any eligible participant
• Up to £4,500,000 available for a portfolio of projects across both strands to address the PEMD skills requirements
• Can be led by any UK registered organisation
• Within this strand projects can be funded for up to 12 months (i.e. for projects up to £50K)
• Any funded project will be expected to have an ongoing legacy to support the skills requirements
Contact

Customer Support Services
0300 321 4357 (Monday - Friday 9:00am - 11:30am and 2:00pm - 4:30pm)
support@iuk.ukri.org

Innovate UK EDGE
https://www.innovateukedge.ukri.org/

Innovate UK KTN (Knowledge Transfer Network)
www.ktn-uk.co.uk

Innovate UK
https://www.gov.uk/government/organisations/innovate-uk