



Innovate
UK

FBC Battery Manufacturing Training Initiative Competition

Applicant briefing

Date: **9 March 2023**

The webinar will start at 10:30.

- We are currently on mute, whilst waiting for more people to join
- Please ensure that you are dialled in, either by computer or phone, so that you can hear the briefing.
- If you have any audio issues, please dial in from a fixed line.
- The briefing will be recorded and available for you

Agenda

10.30 Welcome and Introductions, Neelam Mughal, IUK KTN

10.40 Introduction to Faraday Battery Challenge, Dr Jennifer Channell, IUK

10:55 Competition Scope, Diogo Vieira Carvalho, IUK

11.15 How to apply, Yvette Willis, IUK

11.40 Q&A

12.00 Close



Innovate UK KTN

www.ktn-uk.org





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.



Innovate UK
KTN

What we do



Connecting

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



Funding advice

- 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

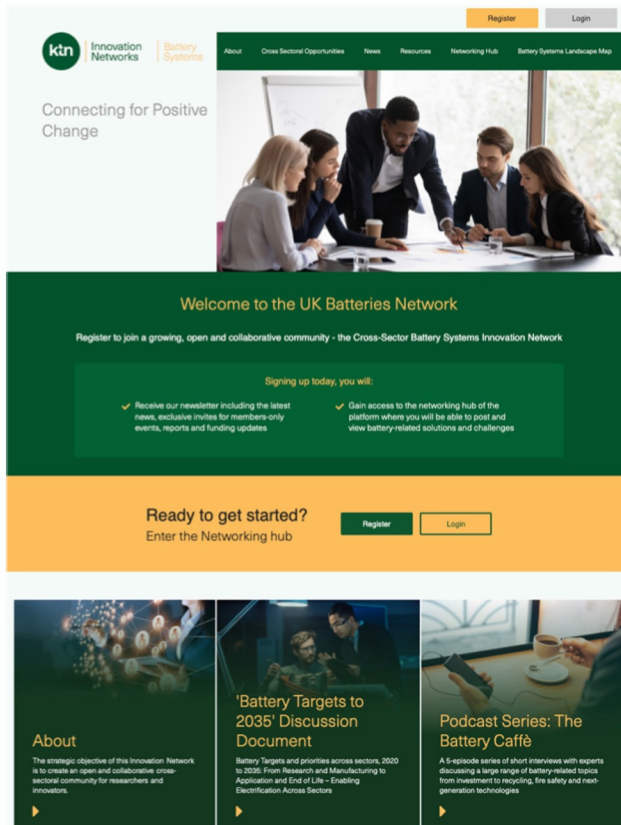
- Intelligence on trends and markets
- Business Planning support
- Success stories / raising profile
- High level application review



Navigating

- Navigating the innovation support landscape
- Promoting coherent strategy and approach
- Engaging wider stakeholders
- Curation of innovation resources

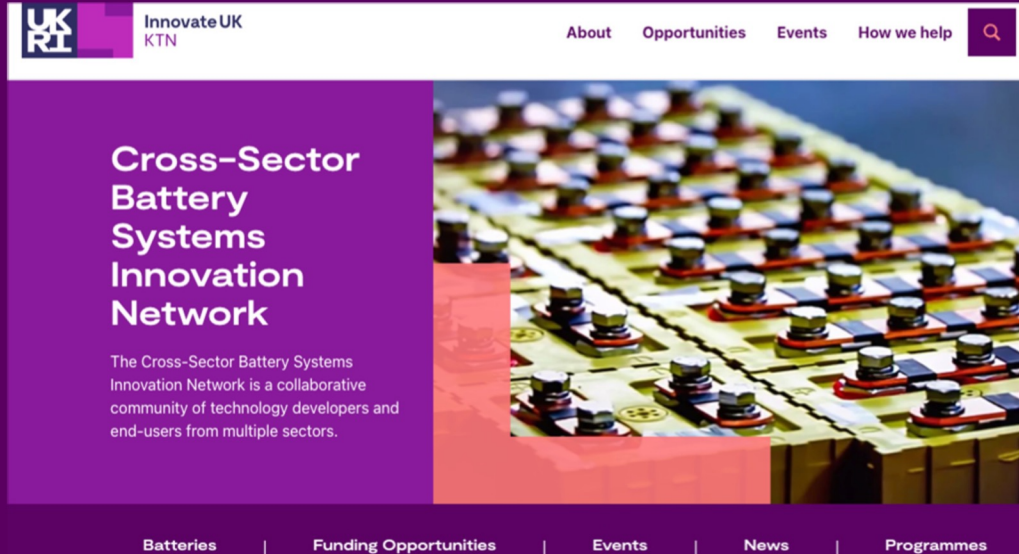
Cross-Sector Battery Systems Innovation Network Hub: www.ukbatteriesnetwork.org/



The screenshot shows the homepage of the UK Batteries Network. At the top left is the logo for 'ktn Innovation Networks Battery Systems'. Below the logo is the tagline 'Connecting for Positive Change'. A navigation menu includes 'About', 'Cross Sectoral Opportunities', 'News', 'Resources', 'Networking Hub', and 'Battery Systems Landscape Map'. A central image shows a group of five people in a meeting. Below this is a green banner with the text 'Welcome to the UK Batteries Network' and 'Register to join a growing, open and collaborative community - the Cross-Sector Battery Systems Innovation Network'. A section titled 'Signing up today, you will:' lists two benefits: receiving a newsletter and gaining access to the networking hub. At the bottom of this section are 'Register' and 'Login' buttons. Below the green banner is an orange section with the text 'Ready to get started? Enter the Networking hub' and another set of 'Register' and 'Login' buttons. At the bottom are three dark blue panels: 'About' (strategic objective), 'Battery Targets to 2035' Discussion Document' (battery targets and priorities), and 'Podcast Series: The Battery Caffè' (a series of interviews).

- **Stay informed:** Sign up to our newsletter for news, insights, funding opportunities and future sessions
- **Connect:** Register to the platform and share your challenges and solutions with other members in the networking hub <https://www.ukbatteriesnetwork.org/networking-hub/problems>
- **Showcase your capabilities:** Explore our landscape map and add your organisation <https://www.ukbatteriesnetwork.org/battery-systems-landscape-map>

Visit our website and reach out to us!



Join the community and network
with sector leaders!



<https://iuk.ktn-uk.org/energy/batteries/>



Faraday Battery Challenge Skills Competition

Dr Jennifer Channell
Innovation Lead – Faraday Battery Challenge



Who is here today?



Dr Diogo Vieira Carvalho
Innovation Lead -
Batteries



Dr Jennifer Channell
Innovation Lead -
Batteries



Supported by:

Neelam Mughal – Knowledge Transfer Manager – Advanced Materials

Nikoleta Piperidou – Knowledge Transfer Manager – Energy and Infrastructure



Introduction to the Faraday Battery Challenge



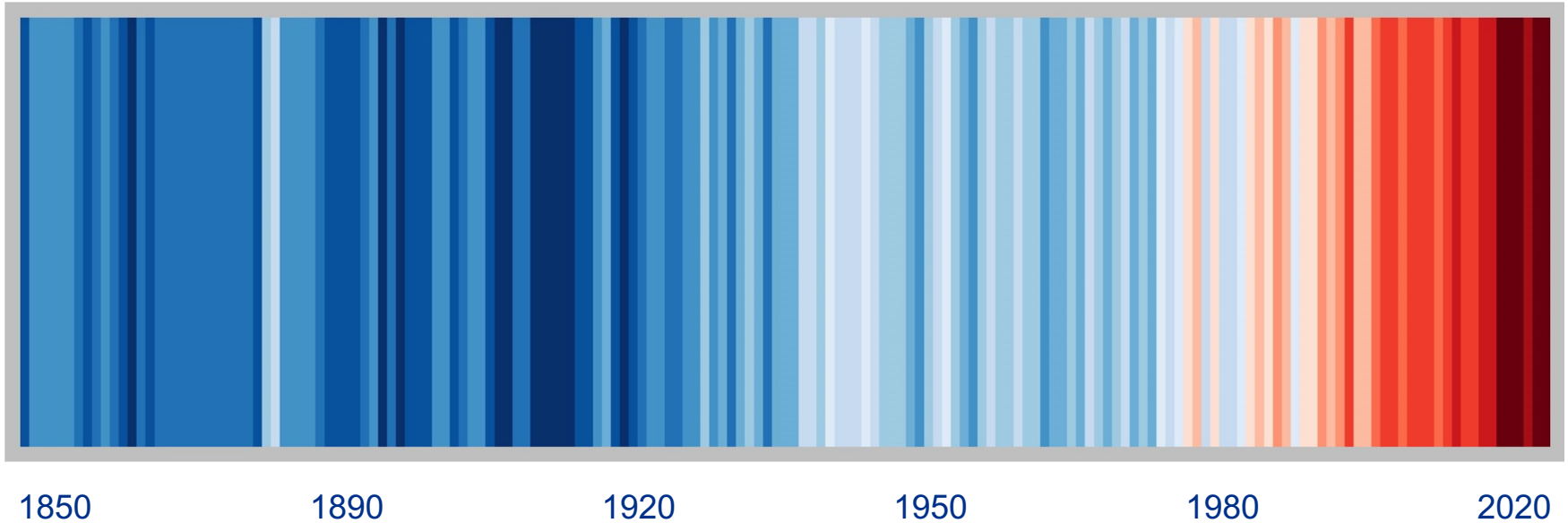
UK Research
and Innovation



Why batteries?



Global temperature change (1850-2020)

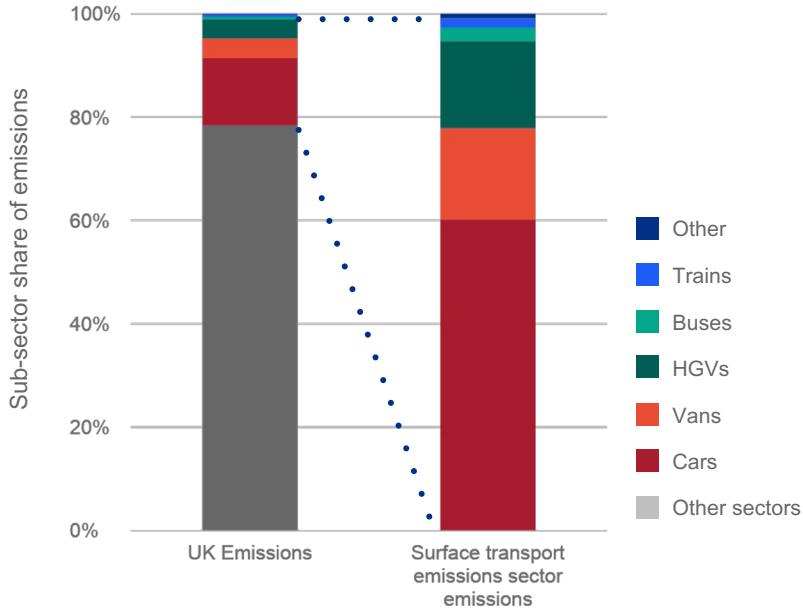


Source: Warming stripes, Ed Hawkins, Climate Lab Book (climate-lab-book.ac.uk)

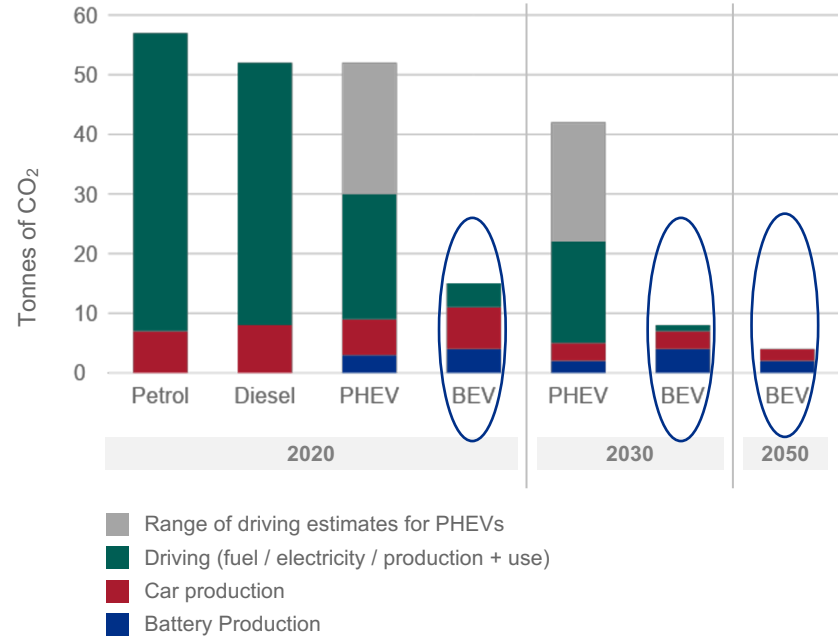
Surface transport contributes to UK emissions



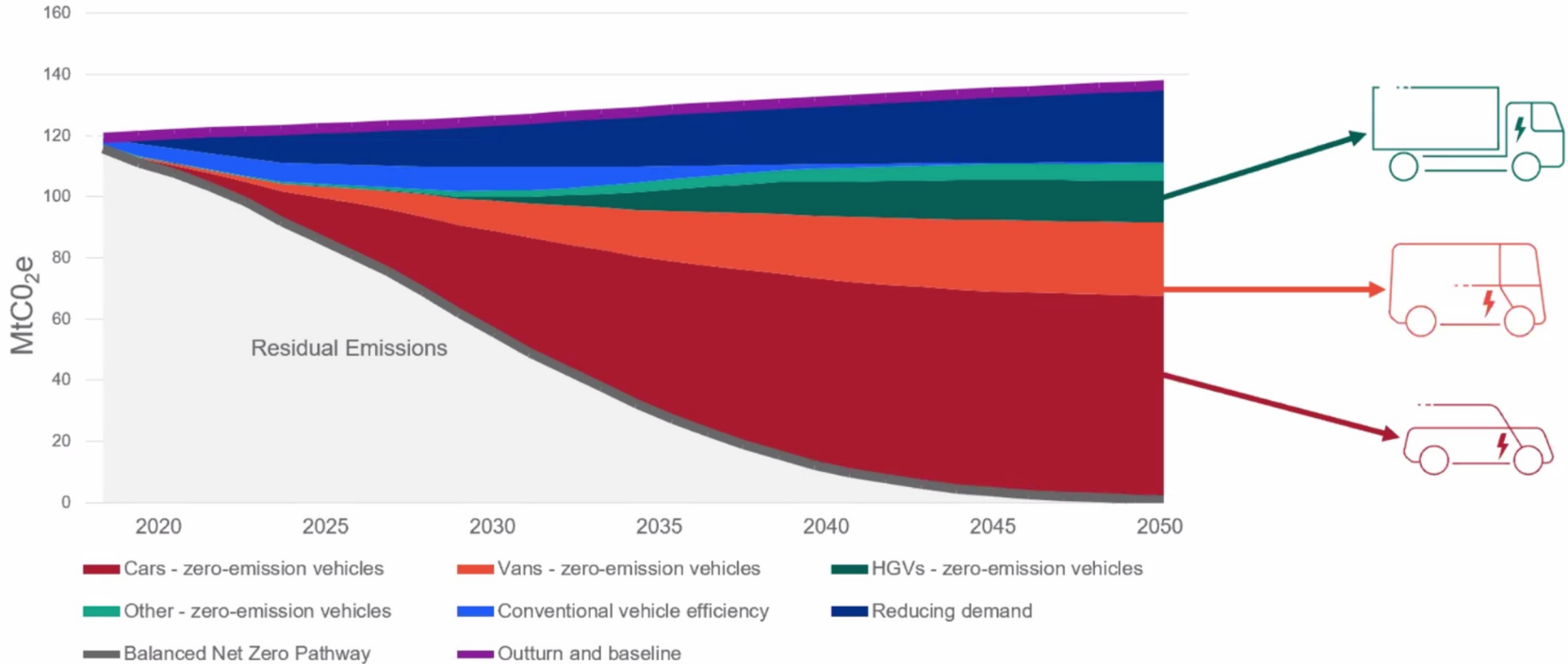
Breakdown of surface transport sector emissions (2019)



UK lifecycle emissions of fossil fuel and electric cars



Batteries enabling the pathway to net zero



Source: BEIS (2020) Provisional UK greenhouse gas emissions national statistics 2019. CCC analysis

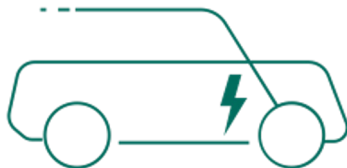
The UK's Automotive Sector



Export is critical to the UK's automotive competitiveness and commercial success.

Over the next 5 years, there are changes to the value and origin of materials used in a car to meet 'tariff free trade'.

Know the facts and act now



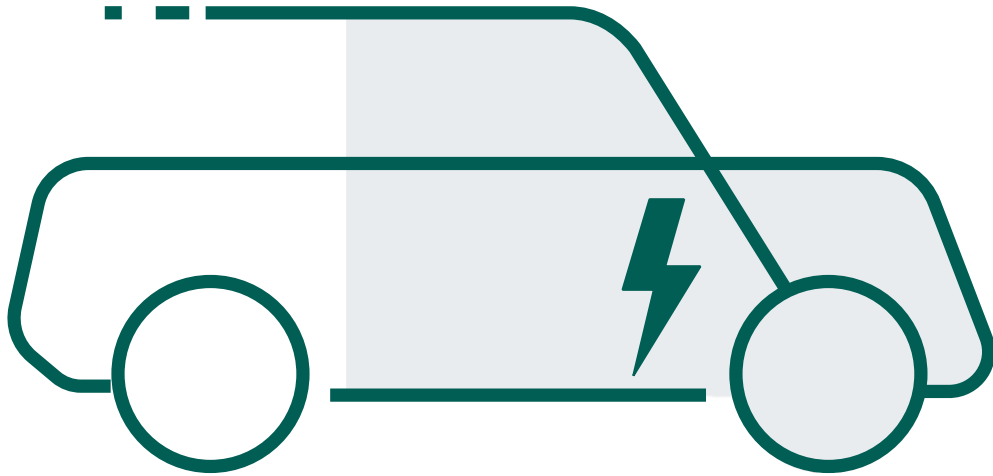
850,575

cars manufactured in the UK in 2021

8 out of 10

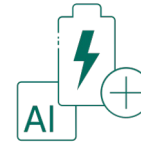
are exported - that's **705,826** cars exported in 2021

Legislation driving battery supply chain localisation



65%

of the value of the materials in a cell must be from the European Union and/or the UK



Cathode >50% of battery value

From 2027

Auto Council Priorities to achieve 2030/35



1. Support OEM platform transition activities



2. Embed the EV supply chain in the UK

3. Reduce the cost

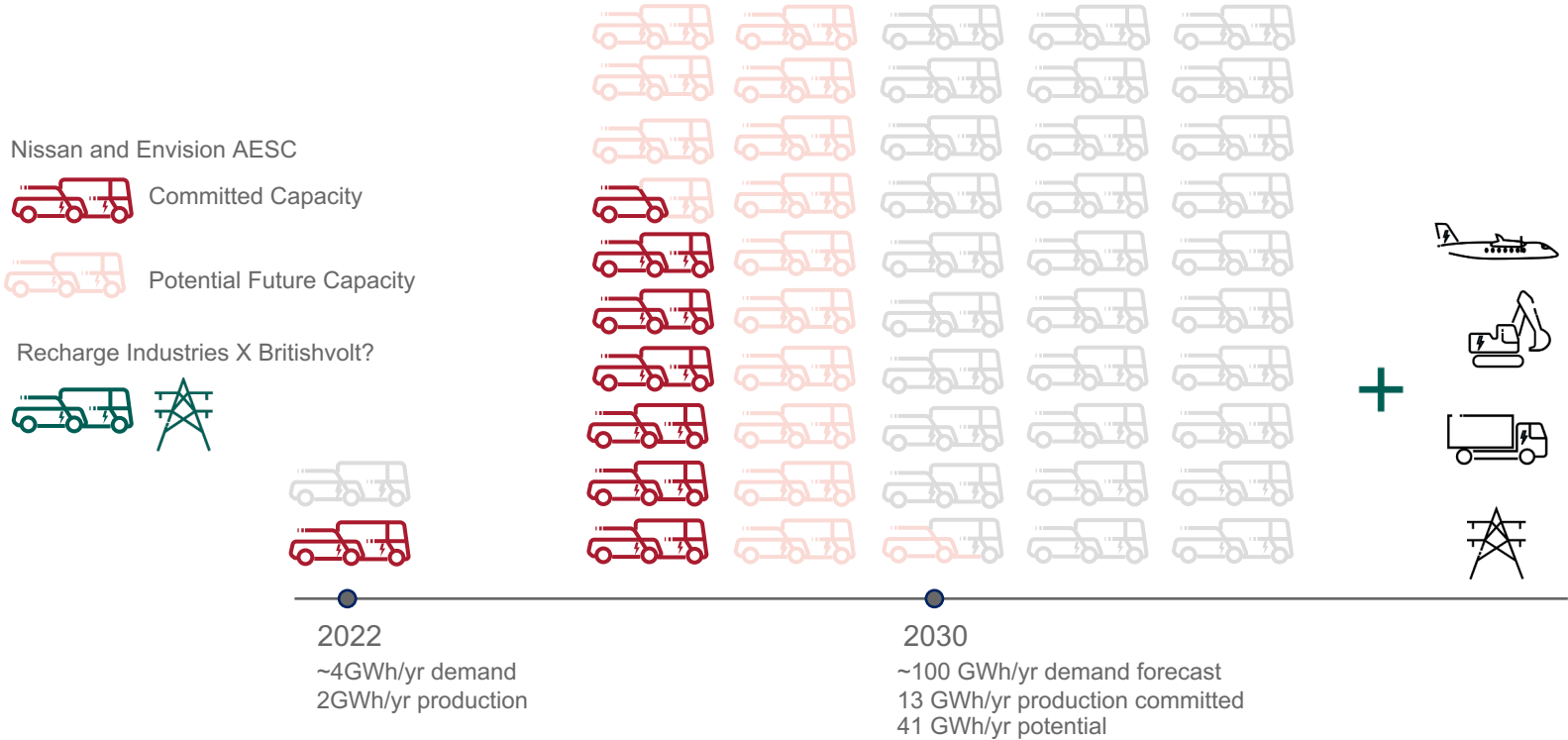


and improve the performance of EV through continuous R&D and technology innovation

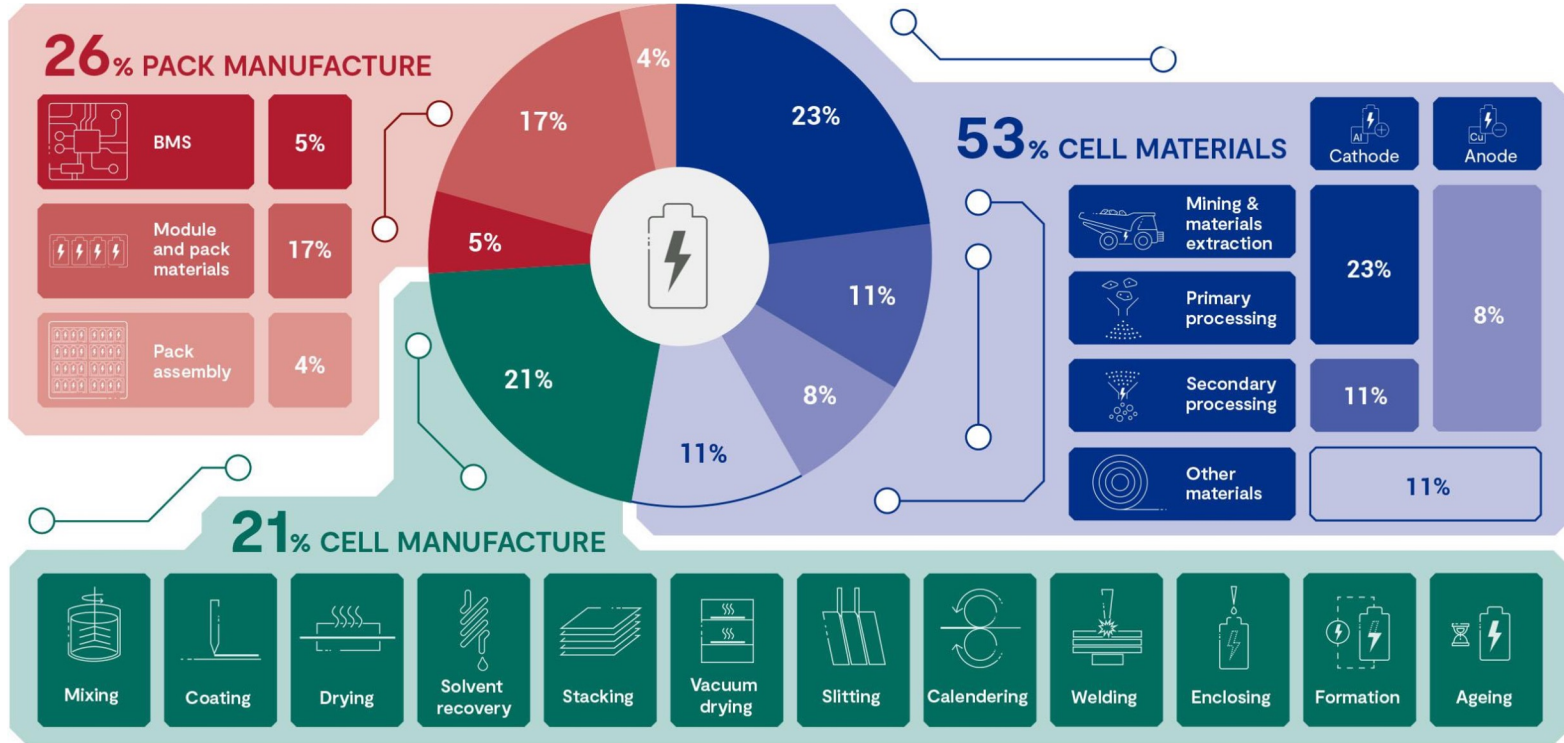
4. Innovate to drive toward Net Zero through the value chain and through life



UK Battery Demand Growth



Where is the value?



Source: Roland Berger Integrated Battery Cost Model C3

Why the Faraday Battery Challenge?



1

NET
ZERO

To ensure the UK automotive industry meets its net zero commitments in the required timescale by enabling development and scale-up of sustainable battery technologies.

2



To prosper from a just and fair transition to battery electrification across the nation through the development of a world class intellectual and physical supply chain.

Faraday Battery Challenge



UK Research
and Innovation

Faraday Battery Challenge Programme



THE FARADAY
INSTITUTION

Research



Innovate
UK

Develop



UK BATTERY
INDUSTRIALISATION
CENTRE

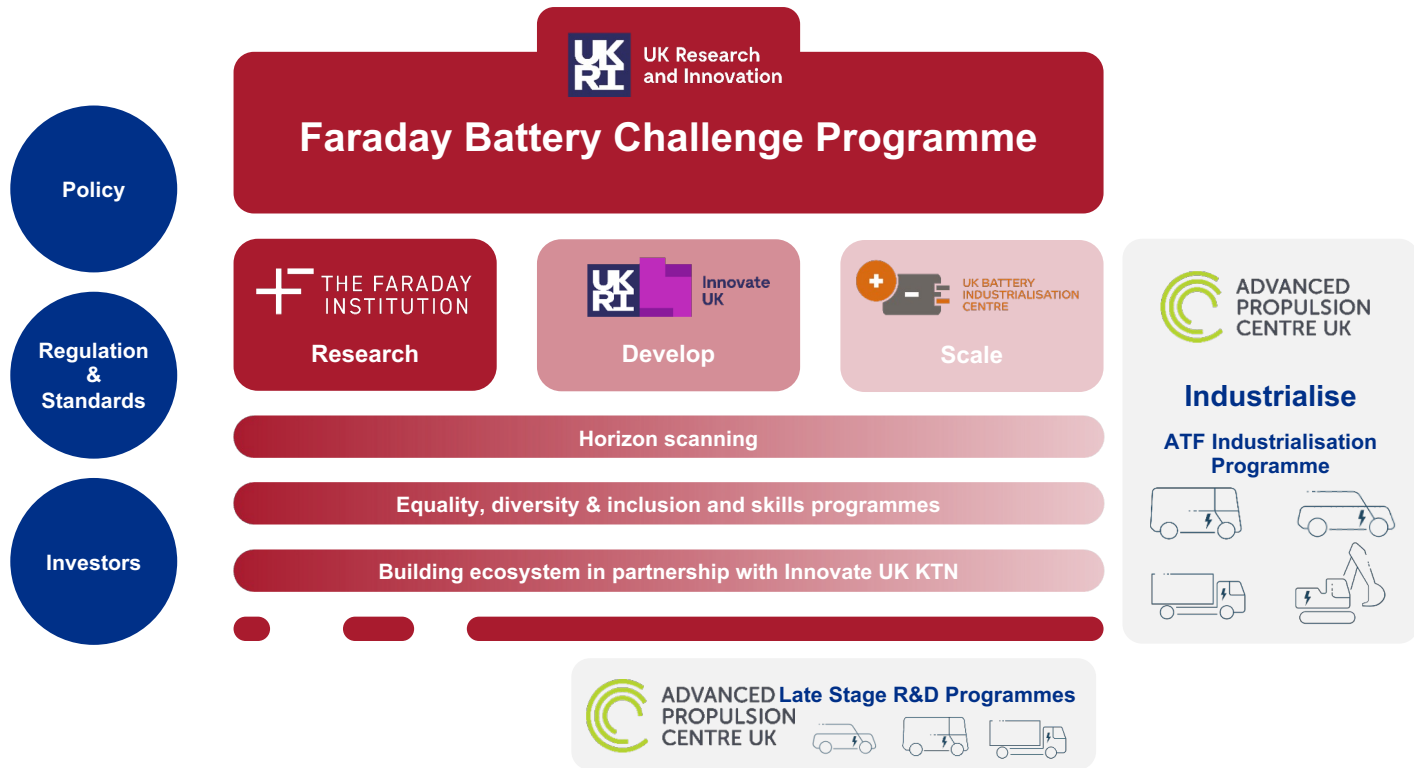
Scale

Horizon scanning

Equality, diversity & inclusion and skills programmes

Building ecosystem in partnership with Innovate UK KTN

...as part of a wider ecosystem



£541m for battery research, development and scale-up



Department for Business, Energy & Industrial Strategy

Record funding to grow

UK BATTERY SECTOR

Turbocharging emerging industries, renewable energy storage and jobs

The graphic features a dark blue background with a glowing orange car battery pack in the center. The text is arranged in a clean, modern layout, with the title 'UK BATTERY SECTOR' in large, bold, yellow letters on a red background. The Department for Business, Energy & Industrial Strategy logo is in the top left corner.

Press release

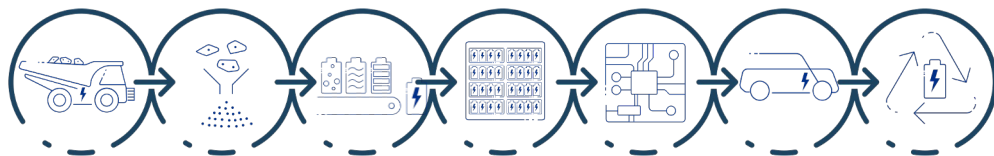
Record funding uplift for UK battery research and development

The UK's world-leading manufacturing industries will be boosted thanks to £211 million in new government funding for battery research and innovation.

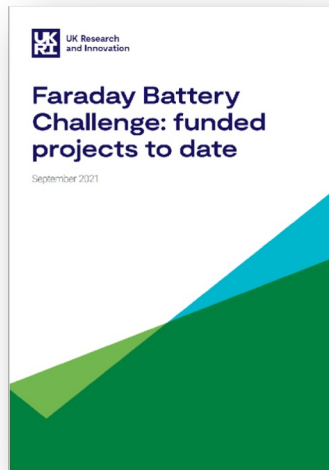
Innovation projects rounds 1- 4



Across the value chain



Round 5 projects recently announced



Find out more about the projects and partners we've funded to date:

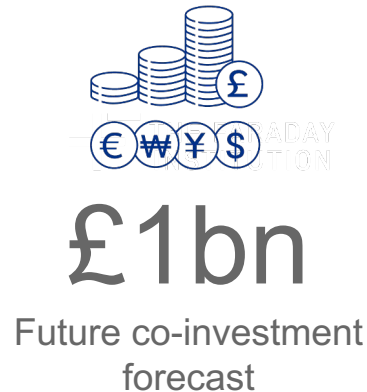
<https://www.ukri.org/wp-content/uploads/2021/10/UKRI-051021-FaradayBatteryChallengeFundedProjectsBookletSept2021.pdf>



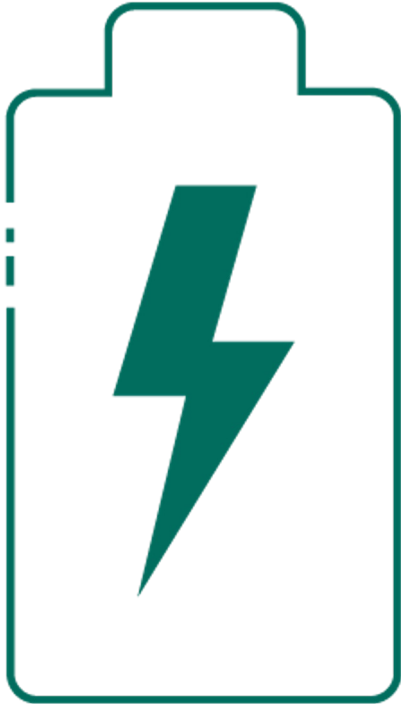
Academic
Micro companies
Small companies

Medium companies
Large Companies

149 organisations supported to generate...



Coming soon



Faraday Battery Challenge
Round 6 Innovation Competition

Launching May 2023

Scope design in progress

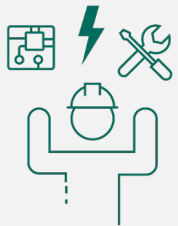
New programmes



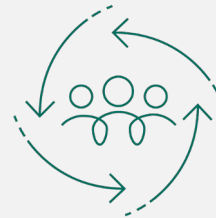
International



Infrastructure support



Workforce development



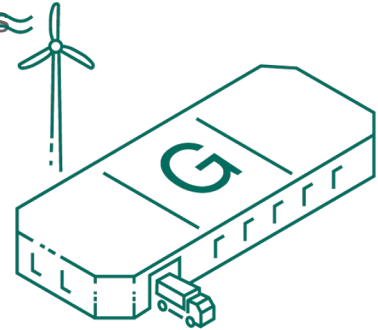
Investors

Infrastructure support



Study underway to understand current provision for battery materials and cell scale-up in the UK:

- Explore current lab to pilot scale provision
- Where are the gaps?
- Where should the Faraday Battery Challenge intervene?



Grant to subsidise SME's to access UKBIC across:

- Electrode
- Cell assembly
- Competition to currently live: [Competition overview - UK Battery Industrialisation Centre SME Credit Round 1 - Innovation Funding Service \(apply-for-innovation-funding.service.gov.uk\)](#)



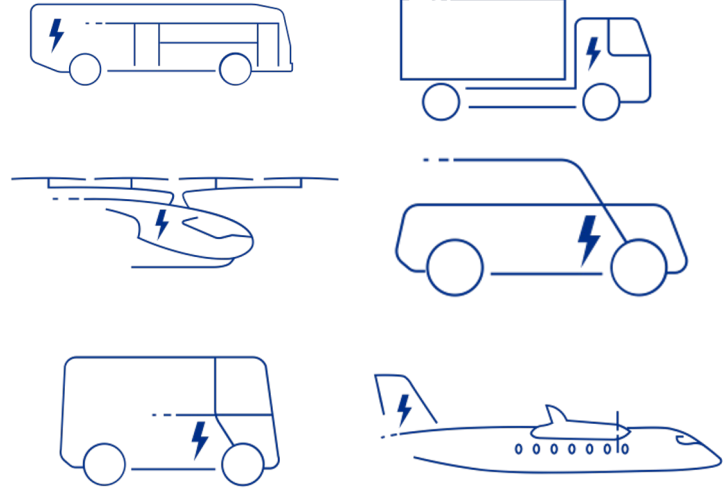
Growing cross sector opportunities



Join the KTN Cross Sector Battery Systems Innovation Network

Access resources such as

- Cross Sector Targets
- Battery Gap Investment Report
- Networking Hub
- Battery Systems Landscape Map



www.ukbatteriesnetwork.org





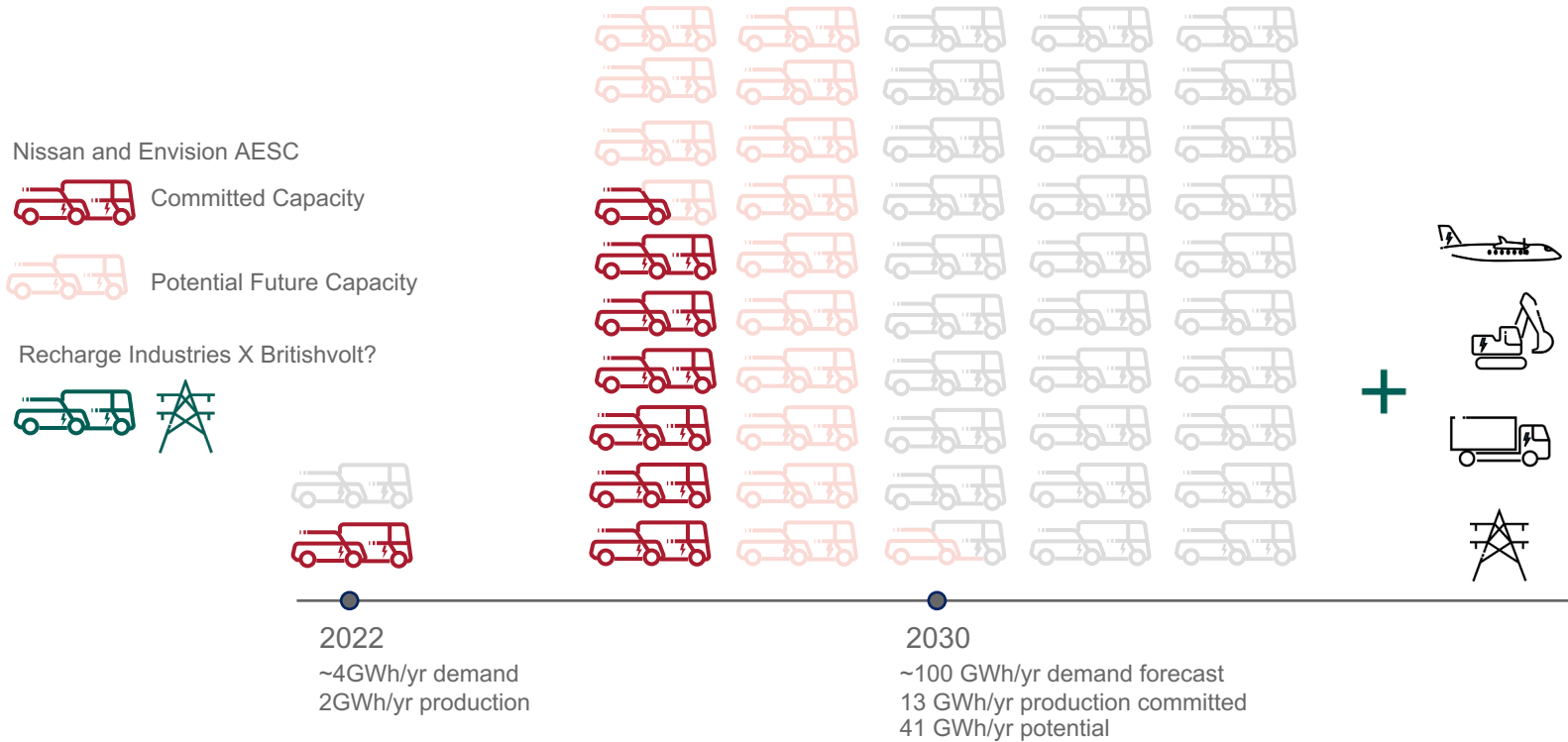
The Faraday Battery Challenge vision for skills



UK Research
and Innovation



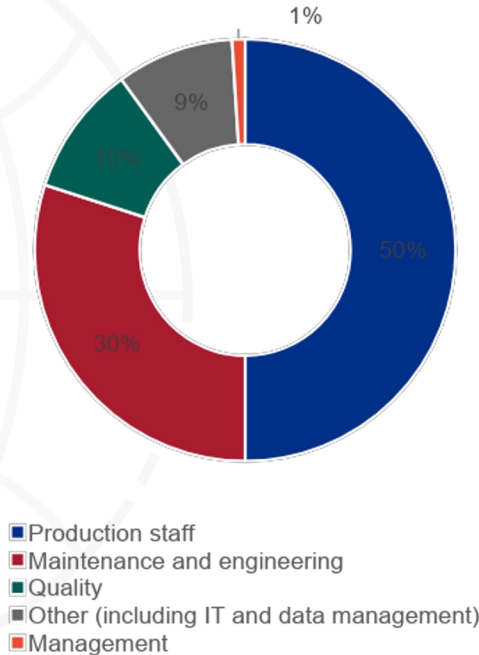
UK Battery Demand Growth



The scale of the skills challenge



Battery manufacturing workforce



- ~180 battery manufacturing jobs per GWh per year:
- ~140 jobs/GWh/year for electrode and cell
- ~40 jobs/GWh/year for module and pack
- By 2040 ~35,000 new jobs in battery manufacturing plants
- A further ~65,000 in the supply chain
- 50% of battery manufacturing workforce are production staff:

Job type	Qualification level
Material handling	L2
Machine loading	L2
Machine unloading	L2
Module assembly	L2
Pack assembly	L2
Logistics	L2/3

A skilled workforce is central to achieving our aims



1

NET
ZERO

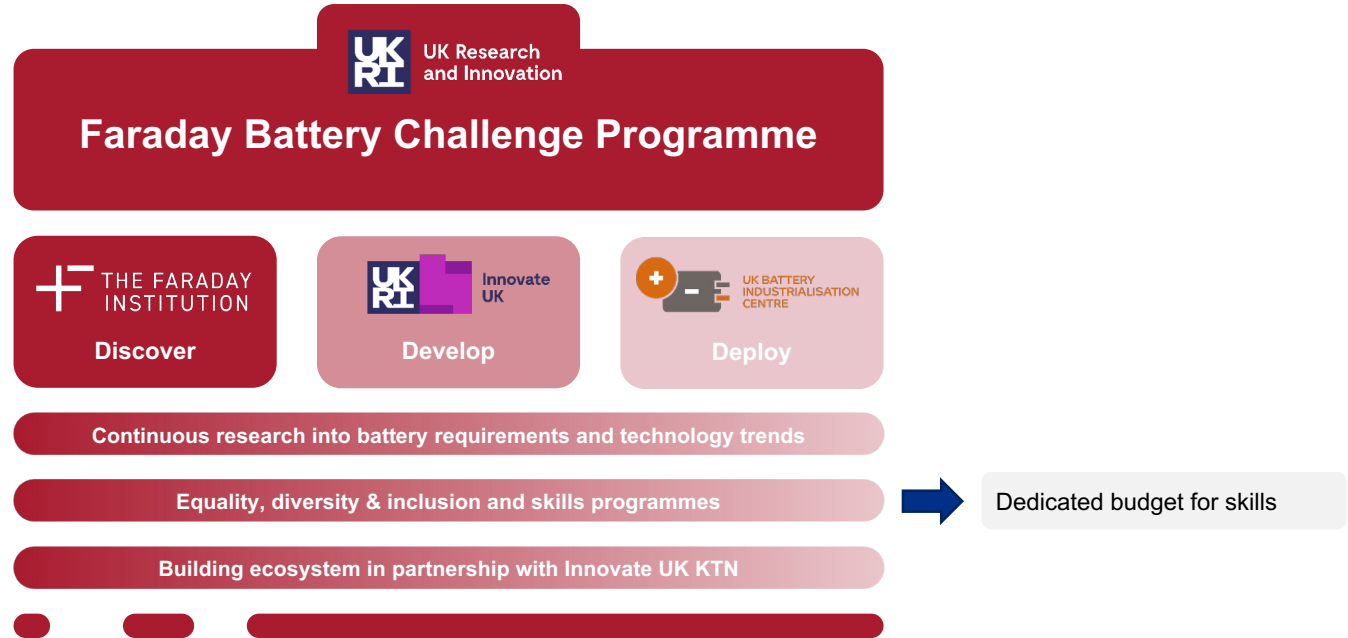
To ensure the UK automotive industry **meets its net zero commitments** in the required **timescale** by enabling development and **scale-up** of sustainable battery technologies.

2

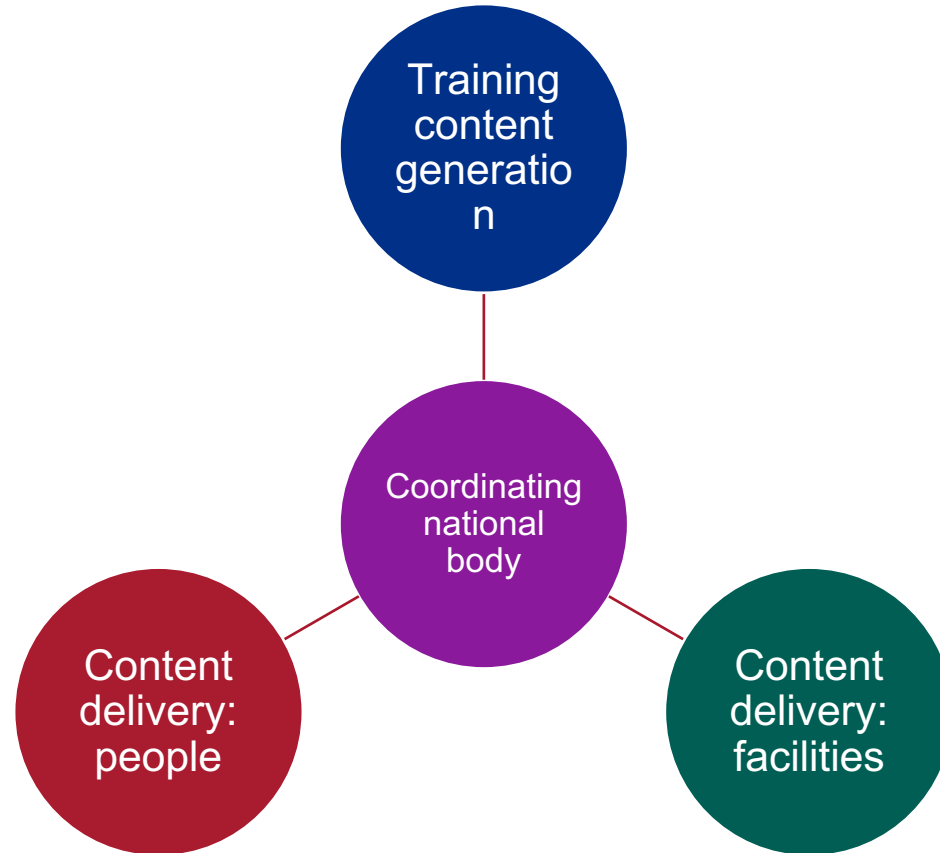


To prosper from a **just and fair transition** to battery electrification **across the nation** through the development of a **world class intellectual** and physical supply chain.

The Faraday Battery Challenge



Faraday Battery Challenge approach to battery manufacturing workforce development



Emerging skills project



The Emerging Skills Project was a pilot programme which formed part of the UK Government's transformation of further and technical education in England and ended in March 2022.

The Department for Education, through the High Value Manufacturing Catapult, piloted a collaborative project to develop cutting edge learning materials for the delivery of Emerging Skills. The project focused on four main areas:

- Electrification for vehicles and transport solutions
- Additive Manufacturing technologies
- Industrial Digitisation Technologies / Industry 4.0 for manufacturing
- Composites – for environmental energy systems

Training
content
generatio
n

Content
delivery:
people

The resources are available through Open Government License here: [Emerging Skills Project](#)

Emerging skills project follow-on



6 battery workforce training units have been developed to support skills needs within the sector:

- Level 3 - Battery manufacturing module and pack design
- Level 3 - Fundamentals of battery supply chain systems
- Level 3 - Operating principles of battery management systems
- Level 3 - Battery end-of-life prep and environmental disposal
- Level 3 - Decommissioning and sustainable reutilisation of batteries
- Level 3 - Introduction to designing sustainable batteries

Training
content
generatio
n

Content
delivery:
people

2 day courses, free to attend – oversubscribed & SOLD OUT

Please speak to Paul Whiteside for more information: paul@sectortech.co.uk

Battery manufacturing trailblazer



A Trailblazer group was formed to create an occupational standard and end-point assessment plan (EPA) for a Level 3 Technician apprenticeship facilitated by Cogent Skills.

Training
content
generation

The options are:

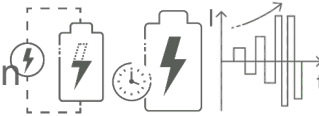
- Option 1: Electrode technician



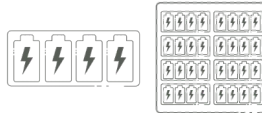
- Option 2: Cell assembly technician



- Option 3: Formation, ageing and testing technician



- Option 4: Module and pack technician



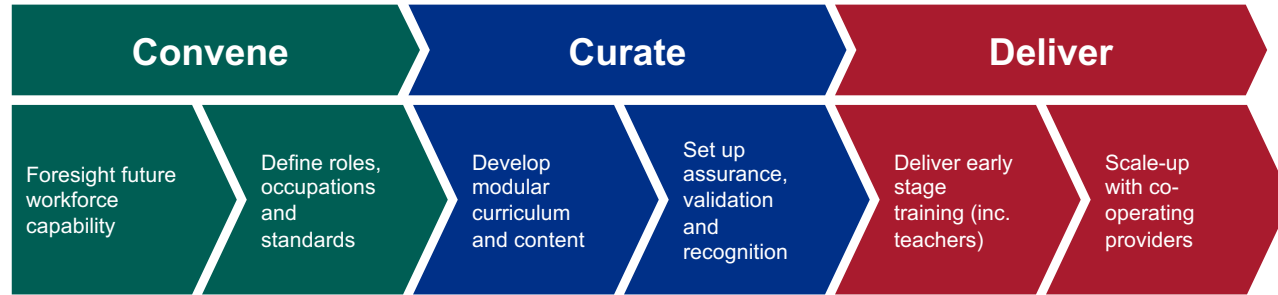
There has been a public consultation on the proposed occupational standard and end point assessment plan prior to formal submission to the Institute for Apprenticeship and Technical Education for approval.

Please contact Rachel.robby@cogentskills.com to find out more

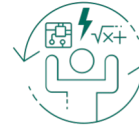
National Electrification Skills Framework and Forum



Working in partnership to deliver the vision for the National Electrification Skills Framework and Forum



National effort



Re-skill, up-skill & new skill



Immediate and future industry need

Procurement currently LIVE: [PS22482 - The provision of an independent national body to deliver the vision of the national electrification skills framework and forum - RFP - Contracts Finder](#)



Aligning to Government's skills commitments



Net Zero Strategy, 2021

Our Goals

5. The government's ambition is to:
 - Support up to 440,000 jobs across net zero industries in 2030, contributing towards a broader pivot to a greener economy which could support 2 million jobs in green sectors or by greening existing sectors by:
 - Working with business to grow green industries, supply chains and skills in the UK, and ensure our resilience to international changes in supply chains; and,
 - Using our net zero policy and funding to promote the growth of green skills and the green economy.

Green Jobs Taskforce, 2021

Theme 1: Driving investment in green jobs and skills in the UK

The previous chapter described the huge potential that exists for the UK to realise the economic benefits of net zero through boosting green jobs and growth. But this will not happen automatically. Businesses and investors will drive green job creation, with much of the investment needed to deliver net zero coming from the private sector. However, a consistent theme coming out of our engagement with industry, workers, and the skills sector has been that government must provide the right framework to underpin future policy, create clear market demand, and inspire the confidence needed to unlock investment from business. This finding is also

Skidmore review, 2023

- **Building the skills needed for the transition:** Drive forward delivery of the Green Jobs Taskforce recommendations and the commitments from the *Net Zero Strategy*, reporting regularly on progress starting by mid-2023



Battery manufacturing training initiative – expression of interest

Diogo Vieira Carvalho
Innovate Lead - Faraday Battery Challenge



UK Research
and Innovation



Battery manufacturing training initiative competition – expression of interest



Up to £2 million available for UK registered organisations.

Research Category	Grant available	Total grant funding request	Duration	Project completion date
Industrial research	Up to £2 million	Up to £2 million	18 months	31 st March 2025

With the aims to:

- support regional battery manufacturing industry workforce requirements
- develop innovative approaches to battery workforce development
- catalyse investment in battery workforce development
- develop a battery industry workforce of the right quality and quantity in the UK
- develop innovative approaches to outreach which will attract diverse talent to careers in the battery industry

Competition deadline: **11am 4th April 2023**

Expression of interest



This is the phase 1 expression of interest (EOI), of a 2 phase competition. Phase 2 is the full-proposal stage of the competition.

There is no funding at this EOI stage. If you are successful in phase 1, you will be invited to apply to the phase 2 full stage collaborative competition.

If we receive multiple submissions invited to phase 2 from one region, we may encourage you to work together to submit a phase 2, full-stage application.

Expectations



Your proposal must focus on the vocational or technical training infrastructure requirements to train the battery manufacturing workforce. This can include facilities, equipment and people.

We will fund at least one training initiative for developing the technical or vocational workforce at level 2/3 for manufacturing of battery technologies, as a priority area of need.

Your initiative must be established and start to deliver training within the phase 2 funded timescale.

We encourage ambitious, impactful projects which can meet the aims of this competition.

Your EOI proposal must demonstrate



- the regional training need
- a description of the training initiative
- how you will ensure the training quality and appropriateness
- the focus of the training initiative
- your approach to outreach and equality, diversity and inclusion
- how the initiative will connect learners with battery careers
- alignment with other electrification training initiatives within the region, if appropriate
- the consortium you will bring together, this must include businesses of all sizes and the regional training ecosystem
- how you will leverage cash and in-kind support to deliver the initiative
- your approach to developing a sustainable business model

Specific themes



Your project must focus on the skills level 2 to 3 for the production workforce for manufacturing of battery technologies including:

- electrode manufacture
- cell assembly
- formation, aging and testing
- module and pack assembly

Your project can also address one or more of the following:

- the workforce for battery technology research and development, for example research technicians
- the workforce for the scale-up of battery technologies
- the maintenance and engineering workforce within a battery manufacturing environment
- the quality control and assurance workforce within a battery manufacturing environment

Example activities



Your project can include funding for:

- physical assets such as physical training equipment or equipment which can enable virtual or augmented reality training, for example mock clean and dry room facilities
- digital assets such as software or data to enable training
- access to facilities
- trainers who will supervise training equipment
- training for trainers
- outreach and engagement activities related to improving equality, diversity and inclusion
- consumables related to training and outreach

This list is not intended to be exhaustive and we encourage ambitious and impactful projects.

Out of scope



We are not funding projects that are:

- not related to battery manufacturing
- research or innovation projects developing battery technologies
- not leveraging sufficient additional support to deliver the activity above the funded project
- commissioning building construction
- general building infrastructure not specific to the training needs for example, office computers or wifi access
- focussed on University-level undergraduate or postgraduate level skills (for example, Bachelors, Masters and Doctorate-level skills)

Phase 2, full-stage proposal



In your phase 2 full stage collaborative proposal you must demonstrate:

- further details on the needs of the region
- a detailed approach
- your long term vision
- a sustainable business model
- that you have brought together a consortium capable of delivering the vision
- wider outcomes
- added value
- full project management and risk management approaches
- full costings
- evidence all forms of additional investment from alternative sources to leverage the grant funding, for example additional financial contributions, expertise and resources

Phase 2, full stage timeline



Milestone	Date
EOI closes	4 th April 2023
Notifications	20 th April 2023
Full stage opens	25 th April 2023
Full stage closes	25 th May 2023
Interviews (TBC)	July 2023
Notifications	July 2023
Projects start	1 st October 2023
Projects end	31 st March 2025



This Faraday Battery Challenge funding is designed to catalyse additional investment in battery manufacturing workforce development in the regions that need it. Different regions will have different social, political and economic dynamics which mean that a regionally designed solution is the most effective to maximise the relevance of the initiative.

This funding may sit alongside other electrification workforce development initiatives within the identified region. The funding may build on existing skills and training networks or build new ones.

If this model is successful, there may be opportunities to extend this regional approach to other regions.

Tips and support



For help applying contact the Innovate UK Customer Service Desk: support@iuk.ukri.org or 0300 321 4357

For support and advice on applications contact the Innovate UK Knowledge Transfer Network:

- Highly recommended that you use their service, especially if you are new to Innovate UK competitions
- Nikoleta Piperidou - Knowledge Transfer Manager for Infrastructure & Energy: Nikoleta.Piperidou@ktn-uk.org
- Neelam Mughal - Knowledge Transfer Manager for Advanced Materials: neelam.mughal@iuk.ktn-uk.org

For scope queries contact the Faraday Battery Challenge:

- Faraday Battery Challenge inbox: faradaybatterychallenge@iuk.ukri.org
- Dr Jennifer Channell and Dr Diogo Vieira Carvalho: Innovation Leads - Batteries

Advice:

- Contact us for help early – do not wait until the last minute – there is always one application which misses the deadline!
- Read scope and application questions thoroughly
- Submit applications early to avoid any last-minute issues
- IFS will close to submissions at **11am 4th April 2023**



Thank you

faradaybatterychallenge@iuk.ukri.org



Eligibility criteria



Previously submitted applications

This competition does not allow you to submit a previously submitted application.

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

Eligibility criteria

Project eligibility	<ul style="list-style-type: none">• lead must be a UK registered:<ul style="list-style-type: none">• business of any size• academic institution• research and technology organisation (RTO)• charity• not for profit• public sector organisation• can be single or collaborative• must carry out your project in the UK• exploit the results from or in the UK
Total grant	up to £2 million (for the full stage project)
Project length	up to 18 months

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 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's International obligations on Subsidy Control - this will be reflected in the terms and conditions of any award.

Due diligence for UK Subsidy Control Regime

Under the Subsidy Control Regime, 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

For full stage 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

Up to 100% of total eligible project costs can be incurred by the research organisations.

The maximum level (100% 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 or research-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, academic institution, research and technology organisation (RTO), charity, not for profit or public sector organisation can only lead on one application but can be included as a collaborator in a further 2 applications.

If an organisation is not the lead on any application, they can be a partner in any number of 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	7 March 2023
Briefing Event	9 March 2023
Submission Deadline	4 April 2023, 11:00
Applicants informed	20 April 2023



Innovation Funding Service (IFS)

Search for a funding competition and review criteria

Innovation competitions

Filter competitions **2 competitions**

Keywords [Battery manufacturing training initiative: expression of interest](#)

Innovation area
Any

[Update results](#)

UK registered organisations can apply for a share of up to £2 million to establish at least one training initiative for battery manufacturing. This funding is from the Faraday Battery Challenge. This is a phase 1 Eol of a potential 2 phase competition.

Eligibility
This expression of interest (Eol) stage is open to single applicants and collaborations.

[Battery manufacturing training initiative: expression of interest](#)

UK registered organisations can apply for a share of up to £2 million to establish at least one training initiative for battery manufacturing. This funding is from the Faraday Battery Challenge. This is a phase 1 Eol of a potential 2 phase competition.

Eligibility
This expression of interest (Eol) stage is open to single applicants and collaborations.
To lead a project your organisation must be a UK registered:

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

Open now
Opened: 7 March 2023
Closes: 4 April 2023

Funding competition

Battery manufacturing training initiative: expression of interest

UK registered organisations can apply for a share of up to £2 million to establish at least one training initiative for battery manufacturing. This funding is from the Faraday Battery Challenge. This is a phase 1 Eol of a potential 2 phase competition.

Competition opens: Tuesday 7 March 2023
Competition closes: Tuesday 4 April 2023 11:00am

[Start new application](#)

Or go to your [dashboard](#) to continue an existing application.

Summary **Eligibility** Scope Dates [How to apply](#) [Supporting information](#)

Description

Innovate UK, part of UK Research and Innovation, will invest up to £2 million as part of the Faraday Battery Challenge. This is to develop one or more innovative battery manufacturing workforce training initiatives, supporting regional battery industry needs.

The aim of this competition is to:

- support regional battery manufacturing industry workforce requirements
- develop innovative approaches to battery workforce development
- catalyse investment in battery workforce development
- develop a battery industry workforce of the right quality and quantity in the UK
- develop innovative approaches to outreach which will attract diverse talent to careers in the battery industry

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 19 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** - Collaborators can invite organisations who you are working with on the project. Contributors can invite colleagues from your own organisation to help you complete your application. All team members and Lead applicants must complete the Equality, Diversity and Inclusion survey embedded in IFS as part of your application.
- **Application Details** - Title, timescales, research category, innovation area and previously submitted application (y/n)
- **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 be ineligible for funding

Application Questions

Detailed guidance available on IFS

Application Form		Appendix?
Question 1	Applicant location (not scored)	No
Question 2	Regional context	Yes – optional
Question 3	Vision and approach	Yes - optional
Question 4	Team and resources	No
Question 5	Project timelines and risks	Yes - optional
Question 6	Costs	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

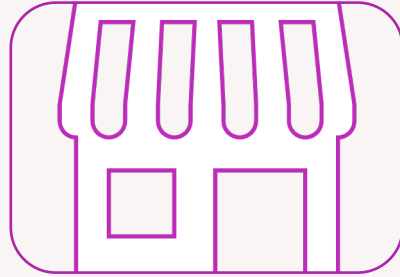
You are also unable to claim funding if your company is based in any of the British Overseas Territories (BOTs):

- 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



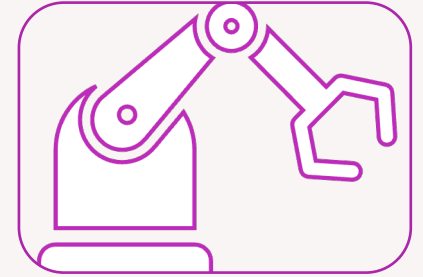
Labour



Overheads



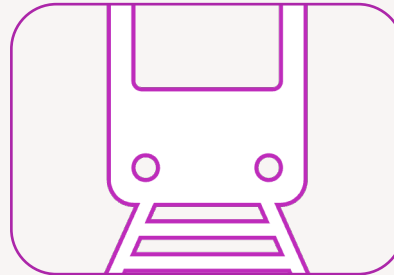
Materials



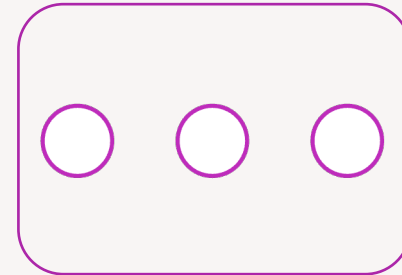
Equipment
Usage



Subcontractors



Travel &
Subsistence



Other

Organisation or type of activity	Technical feasibility studies and industrial research
Business (economic activity)	Micro or Small – 70% Medium – 60% Large – 50%
Research organisation (non-economic activity)	Universities – 100% (80% of Full Economic Costs) Other research organisations can claim 100% of their project costs
Public Sector Organisation or Charity (non-economic activity)	100% of eligible costs
Research organisations (undertaking economic activities) Organisations receive funding related to the size of their organisation	Micro or Small – 70% Medium – 60% Large – 50%

Submitting your application



Innovate
UK



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

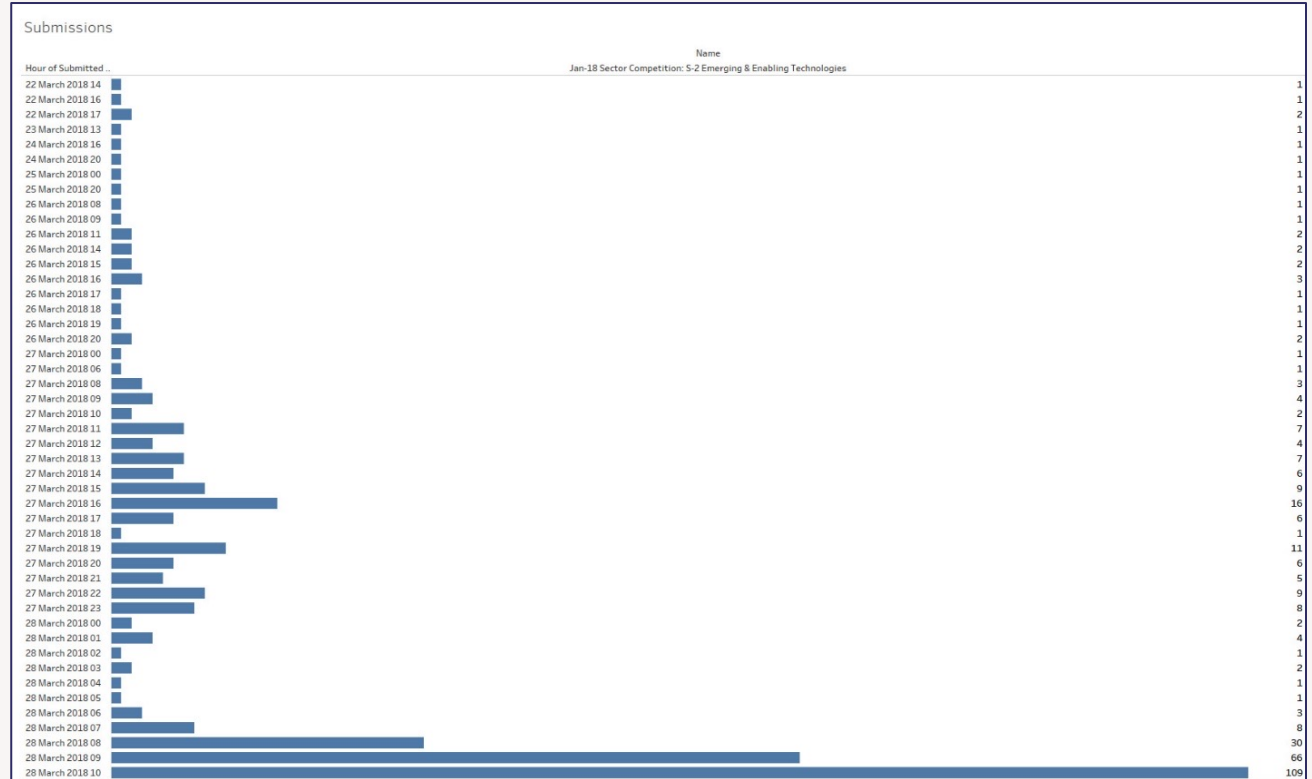
Award terms and conditions ✓ Complete +

[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?

The Eol assessment will be made by the Faraday Battery Challenge Team.

We require our internal 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.

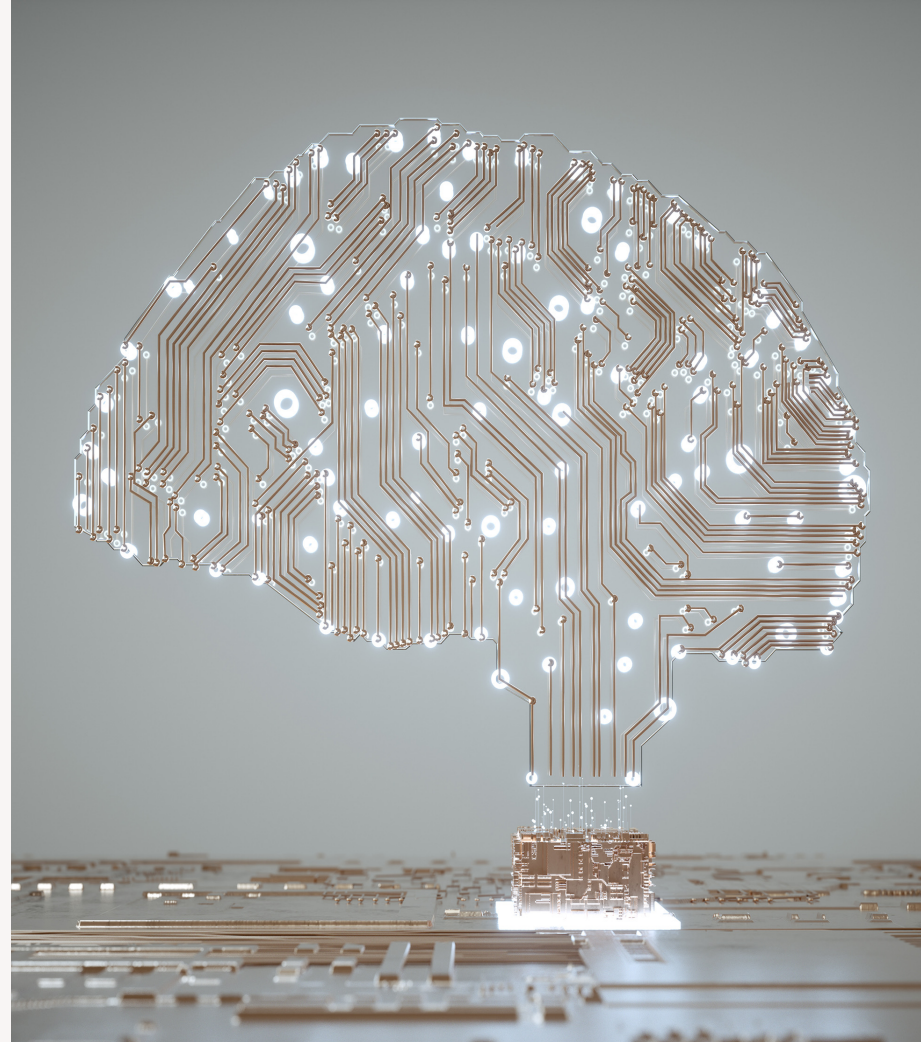
How are successful applicants selected for funding?

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 inform you whether your application has been successful or not on this occasion.

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 invited to apply to the full stage competition

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

Additional Support



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*

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



Innovate UK EDGE

Business
growth
for
innovative
companies



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 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

Q&A



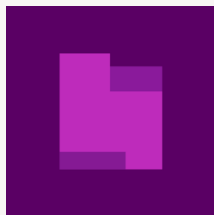
Innovate
UK

Contact

Customer Support Services

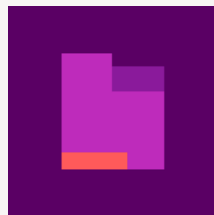
0300 321 4357 (Monday - Friday 9-5pm)

support@iuk.ukri.org



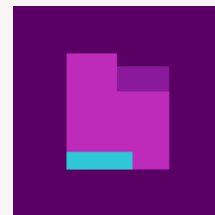
Innovate UK

ukri.org/councils/innovate-uk



Innovate UK KTN

ktn-uk.co.uk



Innovate UK EDGE

innovateukedge.ukri.org



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Thank You



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