

Global Business Innovation Programme USA - Battery Technologies

The Global Business Innovation Programme, organised by Innovate UK

and delivered by Innovate UK EDGE, consists of a preparation phase, 5-day innovation visit focused on Battery Technologies, a post-visit exploitation workshop and follow-up support of approximately 12 months from an Innovate UK EDGE Innovation and Growth Specialist, helping your business maximise the opportunities identified, including developing innovation projects with partners in the territory. This initiative will be delivered physically and include virtual activities.

Innovate UK is committed to ensure that anyone, from any background, has an equal opportunity to be successful.

Focus Areas:

We are currently accepting applications from businesses focusing on propulsion battery development, new and emerging battery technologies (automotive battery and sub-components), as well as businesses that provide stationary storage solutions for both grid and home.

We welcome applications from companies developing next generation battery technologies, critical material free cathodes and batteries, technologies supporting circularity for enhanced recycling, increased sustainability of battery supply chains and efficient manufacturing technologies.

Why USA:

The US Government has committed to a 100% clean energy electricity grid by 2035 and a net zero transport sector by 2050. As a key enabling technology, global battery demand and manufacturing capacity is forecast to accelerate, with investment into manufacturing capacity running into the tens of billions of dollars in the US alone.

In Executive Order 14017: America's Supply Chains: Supply Chains for High-Capacity Batteries, the Biden Administration set out some key goals that includes:

- to create an estimated 450GWh of battery demand
- 10+ TWh of dispatchable energy storage to achieve net zero
- invest in mineral specific strategies
- establish a National Recovery and Recycling policy.

In the revised Atlantic Charter issued in June 2021, there was a commitment to strengthen science and technology collaboration between the UK and the US, including on batteries. Research into and development of next generation batteries is a high priority.

Benefits:

- Explore battery technology opportunities in USA.
- A better understanding of the challenges and opportunities of doing business in USA.
- Find potential innovation collaborators and partners and develop your network in the UK and globally.
- Improve your company value proposition to international partners and investors.

KEY DATES:

Applications
Close:
10 June 2022

Pre-Visit
Workshop:
20 July 2022

Market Visit:
10-16 September
2022

Post-Visit
Workshop:
16 November
2022

WHAT TO EXPECT:

The Global Business Innovation Programme is structured around three main phases and each business will have a designated Innovate UK EDGE Innovation and Growth Specialist to support them for the duration of the offering, including developing an action plan to capitalise on the opportunities identified. The three main phases of the Global Business Innovation Programme are:-

- **Getting ready for the market:** Pre-activity briefing workshop to build knowledge and understanding of the market and potential opportunities, including how to do business, cultural aspects, how to protect your IP and training on how to improve your pitch and articulate your value proposition. (1 day workshop)
- **Market activities:** Explore the innovation opportunities first-hand through meeting with key companies and research organisations and potential collaborators and partners through pre-arranged meetings and organised matchmaking. (5 days of market related activity)
- **Exploiting the opportunity:** An exploitation workshop and one-to-one support from a Innovate UK EDGE Innovation and Growth Specialist to follow up and take advantage of the opportunities identified. (1 day workshop and as a guide, around 5 days working with an Innovate UK EDGE Adviser over a 12-month period)

INNOVATION VISIT - EXAMPLE ITINERARY (subject to change):

Date	Activity	Date	Activity
20 July	GBIP Workshop (physical)	13-15 September	Battery Show - Novi, Michigan
10-16 September	Market visit to USA including state visits and meetings	16 November	GBIP Workshop (virtual)

TO APPLY FOR THIS INITIATIVE, YOU MUST:

Be a UK based innovation-led company with ambitions to grow and internationalise.

Be a company with fewer than 500 employees.

Be able to attend and complete all activities.

WHAT IS THE COST?

Innovate UK and Innovate UK EDGE will fund and organise flights, accommodation, in-market travel, and conference fees for successful applicants. Innovate UK will also pay for any reasonable adjustments throughout the initiative. Only one representative from each company will be funded. On acceptance to the initiative a commitment fee of £500 will be obtained from each delegate, which will be refunded on completion of the full activities and agreed action plan. Non-completion after formal acceptance may result in forfeiting some or all the commitment fee.

HOW TO APPLY?

The Global Business Innovation Programme has a competitive application process where only the best applications will be successful following an evaluation process. All applications must be made online through the Innovate UK EDGE website and received no later than 12pm on 10 June 2022.

Please note: Successful applicants will be expected to fully comply with any conditions of travel to USA and any local regulations on face coverings and social distancing. You might be required to provide proof of vaccination; valid travel medical insurance and a negative COVID-19 test ahead of traveling. The safety of our delegation is a priority.

Innovate UK recognises that the innovation sector is not as diverse as the UK demographic and is committed to improving the diversity of who we support. As such, we welcome applications from those under-represented across the sector.

ADDITIONAL INFORMATION & ASSISTANCE:

To fill in the online application form, please visit the [Innovate UK EDGE website](#). For more information, assistance with your application or to discuss accessibility needs, please contact Bradley Rowley at bradley.rowley@innovateukedge.ukri.org or call +44 (0)7810 561490.