



THE GLOBAL BUSINESS INNOVATION PROGRAMME

FOCUS ON SEMICONDUCTORS TAIWAN

Innovate UK is inviting ambitious companies to participate in the Global Business Innovation Programme.

Delivered by Innovate UK EDGE, the programme consists of a preparation phase followed by a 5-day tailored programme of activities in Taiwan with the opportunity to showcase on the UK's pavilion at SEMICON Taiwan, the most influential semiconductor event, and network with key stakeholders and companies. The programme will provide a unique opportunity for delegates to find partners and identify opportunities for technology collaboration.

Delegates will benefit from a follow-up workshop and bespoke support from an Innovate UK EDGE Innovation and Growth Specialist to exploit the contacts, opportunities and knowledge gained during the visit and develop cross border innovation projects.

WHY TAIWAN?

Semiconductors are an essential component of the electronic devices that are indispensable and ubiquitous in the world around us, enabling communications, computing, healthcare, military systems, transportation, clean energy, and countless other applications.

The global semiconductor industry is set to become a trillion-dollar industry by 2030, with around 70% of growth predicted to be driven by the automotive, data storage, and wireless industries.

Taiwan is known as the "silicon shield" of the semiconductor industry and manufactures over 60% of the world's semiconductors and 92% of those that are most advanced. The sector makes up 15% of Taiwan's GDP.

With an abundance of cutting-edge technology, The Taiwan Semiconductor

Manufacturing Company (TSMC) has constructed giant fabrication plants "fabs", which achieve 95% yields, and dominates semiconductor manufacturing. Clients include major technology firms such as Apple, Qualcomm and Nvidia.

With the global demand for electronics rising in areas such as electric vehicles, smart cities, telecommunications and healthcare and the necessity to make chips smaller, faster and more power efficient, the opportunities for UK companies to collaborate with Taiwanese counterparts are significant.

FOCUS THEMES: Electric Vehicles, Power Electronics, Future Telecommunications, Photonics

KEY TECHNOLOGIES:

- Semiconductor design / IP
- Compound semiconductors
- Advanced packaging
- Emerging materials

KEY DATES:

Briefing Event
21 April 2023

Application
Deadline
12 May 2023

Pre-Visit
Workshop

21/22 June 2023

Innovation
Visit

3-10 Sep 2023

Exploitation
Workshop

18 Oct 2023

WHAT TO EXPECT:

Successful applicants will benefit from an intensive 9 to 12 months three phased programme with bespoke support from an Innovation and Growth Specialist throughout.

- **Getting ready for the market:** Preparation workshops to build knowledge and understanding of the market and opportunities, consideration of cultural differences and how to do business in Taiwan, protecting Intellectual Property and training on articulating your value proposition and how to pitch.
- **Visiting the market:** Exclusive access to the Taiwanese semiconductors market and the opportunity to meet with key contacts, research organisations and potential collaborators and partners through pre-arranged meetings and matchmaking events.
- **Exploiting the opportunity:** A follow-up workshop and bespoke support from an Innovate UK EDGE Innovation and Growth Specialist to exploit contacts and knowledge gained during the visit and develop cross border innovation projects.

ITINERARY (subject to change):

Participants will need to comply with [Taiwanese](#) and [UK](#) travel requirements. Should travel not be permitted the programme will be delivered virtually.

Date	Activity
5 September 2023	Introductory briefing at the British Office, Taipei
6 September 2023	SEMICON Taiwan
7 September 2023	SEMICON Taiwan
8 September 2023	Research institute and company visit
9 September 2023	Follow up meetings & cultural activity

TO APPLY FOR THIS INITIATIVE YOU MUST BE:

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

A company with fewer than 500 employees.

Able to attend and complete all activities.

THE COST

Innovate UK 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 programme 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

[Apply here](#) using the online application form. The Global Business Innovation Programme is a competitive process and successful applicants will be notified by 24 May 2023.

Innovate UK is committed to improving the diversity of who we support. We welcome applications from under-represented groups.

FOR MORE INFORMATION

[Register for the Briefing Event 21 April 2023](#) or contact [Louise Hooker](#), Programme Lead