Economic mission Hightech and Digitalization to Japan

18 t/m 24 May 2025 - Tokyo and Osaka
21 t/m 28 May 2025 - Osaka and Tokyo

Is your organization involved in Hightech and Digitalization for our future? Does Japanese technology and innovation spark your interest? Would you like to get to know Japanese companies and research institutes that focus on semiconductors, photonics, quantum technology, 5G/6G applications, data sharing or AI? Then take part in this mission with Dirk Beljaarts, Minister of Economic Affairs during the World Expo in Osaka between 18 and 28 May 2025.

For who?

This mission is divided into four tracks that meet in Osaka. Participation in this mission is open to Dutch companies and knowledge institutes that are involved in the Hightech and Digitalization domain on the following topics:

Hightech	
HT1	Deeptech Equipment: Semiconductors, Photonics, and Quantum equipment, covering manufacturing, packaging, metrology, and testing
HT2	Deeptech Applications: Applications of Quantum technology, Integrated Photonics, Photonic Chips and Chip Design

Digitalization	
DX1	Beyond 5G and 6G, 6G application & usecase development
DX2	AI and data sharing, privacy enhancing technologies, data spaces, data science

The four tracks take place on:

- **HT1** and **DX1** 18 t/m 24 May 2025 - Tokyo and Osaka
  (For example: Depart from Schiphol 17 May – arrival Schiphol 24 May)
- **HT2** and **DX2** 21 t/m 28 May 2025 - Osaka and Tokyo
  (For example: Depart from Schiphol 20 May – arrival Schiphol 28 May)

Why take part in this mission?

Japan and the Netherlands have many things in common: an open economy, similar societal challenges and both are leaders in high-tech and digitalization. The Japanese government stimulates international cooperation and that offers many opportunities for Dutch companies in the High-tech and Digitalization domains: by working together we can realize our ambitions!

By participating in this HTDX mission:

- You will gain insight into the Japanese vision of the future, the changing trends, demands and challenges and Japanese innovations in the field of Hightech and Digitalization.
- You can explore the opportunities in the field of Hightech and Digitalization for your company or research institution and explore how to respond to emerging market dynamics.
- You will have the opportunity to present your own products or services to relevant Japanese parties in the High-tech and Digitalization sector.

- You will gain access to the network of important opinion leaders and potential partners in the Japanese High-tech and Digitalization industry.
- You will see the Dutch Pavilion at the World Expo in Osaka, and you will have the opportunity to visit other pavilions.
- You can participate in a high level HTDX conference with inspiring speakers and the opportunity to build lasting business relationships.

Participation and costs

Participation in this mission costs €950 per company. A maximum of 25 people can participate per rail.

Included are:

- Participating in the HTDX program activities
- Collective matchmaking
- Local support by the organization
- Local bus transportation (linked to the mission program)

Travel and accommodation costs, personal transfers such as traveling by train or to individual appointments and interpreters are at your own expense and risk. After the registration closes, you will receive suggestions for your travel, transportation and accommodation.

Registration

Participation is only open to Dutch organizations that fit within the design and substantive focus of this economic mission. A limited number of organizations can participate in this mission. Registration and automatic confirmation do not therefore automatically mean admission to the mission. You will receive a definitive confirmation of your participation after the registration period has closed. If there is more interest than there are places, we will make a selection. We especially encourage female entrepreneurs to participate. **You can register until 31 January 2025.**

Organization

The *Rijksdienst voor Ondernemend Nederland* (RVO) organizes this mission in close collaboration with the Ministry of Foreign Affairs, the Ministry of Economic Affairs, the Embassy of the Kingdom of the Netherlands in Tokyo, the consulate-general in Osaka, Future Network Services, Centre of Excellence for Data Sharing and Cloud, High Tech NL, Photon Delta NL, Quantum Delta NL, NXTGEN Hightech, BOM, Brainport Development, Topsector ICT and Topsector HTSM.

Get in touch

Do you have any questions about this mission? Please contact:
Sandra Pompe, Project Manager Economic Missions,
Email: sandra.pompe@rvo.nl Tel: 06-11525837

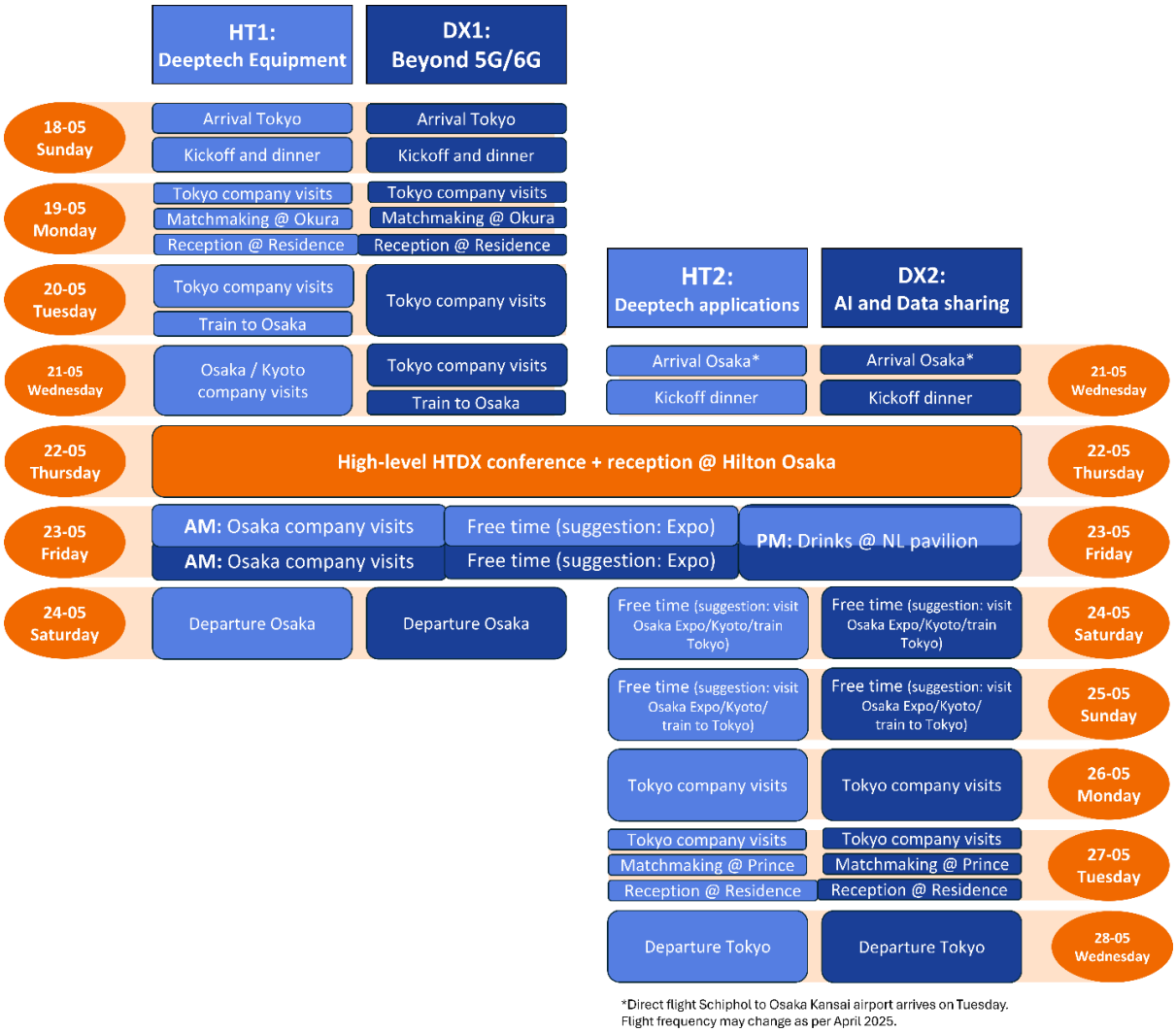
For questions about mission content, please contact:
Charlotte Peeters Weem, project secretary for the HTDX tracks at the Embassy in Tokyo,
Email: Charlotte@hollandinnovation.jp

Opportunities in Japan for Dutch companies

Japan is investing in high-tech and digitalization with hundreds of billions in investments in semiconductors, quantum, photonics, AI, beyond 5G/6G. Geopolitics, societal challenges, investing in earning capacity, and sustainability provide reasons for these investments.
A good example of the opportunities for Dutch companies and knowledge institutes are shown by the activities in Japan of companies such as ASMi, NXP, Philips and ASML and the bilateral partnerships of research institutions such as TNO and various Dutch universities. In sectors such as healthcare, logistics, infrastructure, telecom and mobility, there are also many opportunities for collaboration and partnerships in innovation, research and trade.

Program

The program is in the process of completion. The outlines of the program can be found in the following overview.



HT1 - Hightech: Deeptech & Equipment, 18 t/m 24 May 2025

The high-tech track 1 will focus on the latest advancements in Semiconductors, Photonics, and Quantum equipment. This track will highlight innovations in manufacturing processes, advanced packaging solutions, and the development of future-generation chips. Key topics will also include metrology and testing techniques essential for next-generation equipment, as well as novel materials and component integration to meet industry demands for precision and efficiency. By focusing on these areas, this track aims to address the evolving challenges and opportunities within high-tech equipment.

HT2 - Hightech: Deeptech & Applications, 21 t/m 28 May 2025

The high-tech track 2 will explore applications of Quantum technology, Integrated Photonics / Photonic Chips, and Chip Design (Photonics and Semiconductors). This track will feature sessions on Quantum computing, covering advancements in hardware, sensing capabilities, secure communication methods, and materials tailored to quantum applications. Integrated photonics, crucial for Data & Telecom as well as for LiDAR and sensing applications will be central themes. Along with Chip design, packaging and heterogeneous integration, the aim of this track is to highlight the diverse applications that can transform industries, from telecommunications to healthcare, by leveraging cutting-edge technology solutions.

DX1 - Digitalization: Beyond 5G/6G, 18 t/m 24 May 2025

Currently, the Netherlands and Japanese 6G Research program are both developing requirements and driving leadership to deliver on the 6G promise to revolutionize how we connect, compute, and communicate. The mission focuses on extending our common grounds with Japan and to exchange ideas how to collaborate and create coalitions for smart connected future applications, which will enable a global ecosystem for the smart connected society. The focus lays on 6G applications for society:

- Productivity growth in industry by automation (robots), increasing flexibility
- Improving logistics / mobility with drone transport hubs
- Improving smart maintenance in a variety of use cases (from Hightech to industries)
- Providing more immersive experiences for people for leisure, retail and sports

DX2 - Digitalization: AI and Data sharing 21 t/m 28 May 2025

Data sharing is increasingly becoming a fundamental aspect of technological advancement. It enables innovation inside and between companies and organisations and drives the development of AI solutions. Data sharing between organisations requires not only technological components that guarantee data sovereignty. It is also important to pay attention to topics like legal, governance, business models and ethics.
This mission will focus on various technologies and concepts for data sharing in Japan, a country where a lot of data is being gathered. What is the approach that is taken in Japan and what can we learn from that in The Netherlands? But also: how can we contribute and collaborate, based on what has been accomplished in this field in the past few years in The Netherlands? One specific example is that of using Privacy Enhancing Technologies in data sharing arrangements, where actually data sharing becomes data visiting, thus creating a privacy by design solution.

Maatschappelijk Verantwoord Ondernemen (MVO)

The Dutch government stresses Maatschappelijk Verantwoord Ondernemen (MVO) and expects Dutch companies to operate in line with the OESO-guidelines for multinational enterprises, with respect for people and the environment and to identify, mitigate and report on risks in their chain. This also applies to companies that want to be active in Japan. Compliance with the OESO-guidelines is one of the conditions for participation in the mission and forms an important basis for successful, long-term business relationships.

Read more about MVO here. By following these guidelines, you not only contribute to sustainable business operations, but you also strengthen your reputation as a responsible international player. Link maatschappelijk verantwoord ondernemen.

International opportunities for female entrepreneurs

The government specifically encourages female entrepreneurs to take the step abroad through the campaign *Groei over grenzen* (Growth across Borders). This campaign is part of our strategy to promote more diversity and equality in the international business world. By joining this mission, you can experience these changes yourself, expand your network and increase your international opportunities. We are ready to support you and help you be successful.