Memorandum of Cooperation
on Quantum Science, Technology and Innovation
between
the Cabinet Office of Japan
and
the State Secretariat for Education, Research and Innovation of the Swiss Confederation (Switzerland)

Context

Recognising that Japan and Switzerland are both leaders in quantum science and technology and have strong diversified science, technology, and innovation relations, with collaboration between academia, industry, and government, the Cabinet Office of Japan (hereinafter referred to as the 'CAO') and the State Secretariat for Education, Research and Innovation of Switzerland (hereinafter referred to as the 'SERI') confirm their mutual understanding that cooperation enabled by this Memorandum of Cooperation is pursuant to the Agreement between the Government of Japan and the Swiss Federal Council on cooperation in Science and Technology signed in Tokyo on July 10, 2007.

The CAO and the SERI (hereinafter referred to as respectively as the 'Participant' and collectively as the 'Participants') acknowledge that cooperation between like-minded partners, grounded in shared principles such as transparency, accountability, enforcement of intellectual properties, and democratic ideals in general, is vital to support an equitable research environment and to combine the expertise of both countries.

Purpose

Recognising that quantum science and technologies can lead to the development of transformative technologies such as quantum computing, solving problems beyond the world's most powerful supercomputers, quantum communication, or quantum sensing revolutionising sectors such as life sciences, logistics, financial, and green transition,

Recognising that the coming years will be critical for the emerging quantum industry, and

Recalling the Memorandum of Cooperation between the Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT) and the SERI on cooperation in Science, Technology and Innovation signed in Kyoto on 1 October 2023,

This Memorandum of Cooperation (hereinafter referred to as 'this MoC') confirms that the Participants intend to further encourage cooperation between their respective research and innovation communities and to support initiatives to accelerate research and development, innovation, and overall growth of the quantum sector towards a trusted international ecosystem and supply chain.

Possible forms of cooperation

The Participants jointly endeavour to pursue cooperation in the following areas:

- **Dialogue on quantum research and innovation**: promoting dialogue between Japan and Switzerland within all levels from fundamental research to applied research and innovation through relevant research bodies and research hubs – to share the best practices and identify future opportunities in academic research collaboration, including but not limited to quantum computing, communication, and sensing;

- **Interactions academia/private sector:** Facilitating interactions between academia and the private sector for both countries, e.g. by organising delegations to support the identification of possible avenues for collaboration around quantum;

- **Education, exchange, talent, and skills:** Exploring educational initiatives and exchange opportunities, at research and apprentice levels to build the talent and skills base needed for the further development of the quantum ecosystems and the workforce;

- **Security policy dialogue:** Recognising quantum technologies as emerging with implications for the societal resilience and national and economic security of both countries;

- **Standards:** Fostering bilateral and multilateral opportunities to discuss security and governance policy issues on quantum science including growing a trusted international research community, collaboration for responsible use of quantum technology, research security, investment screening, standardization, and resilience;

- **Infrastructure, test-facilities, and missions:** Considering opportunities for shared access to research infrastructure and test-facilities for the purpose of strengthening research in advanced materials, use case development, and technological demonstration, validation, and maturation;

- **Commercialisation, use cases, and scale-up;** Seeking to accelerate the commercialisation of quantum technologies by promoting promising innovations through use case development, demonstration projects, and similar initiatives aimed at advancing the development of practical market solutions; and

- **Private funding, industry, and institutional investors**; Facilitating efforts to increase the level of private funding and investment in the quantum sector by engaging with industry consortia and institutional investors including venture capital funds.

The Participants recognise that initiatives under this MoC can be developed and carried out by the various autonomous bodies and institutions in Japan and Switzerland in coordination with the Participants.

Commencement and Duration

The cooperation under this MoC will commence on the last date of its signature by the Participants. Either Participant may discontinue this MoC at any time with a written notification to the other Participant.

The discontinuation of this MoC will not affect the ongoing cooperation activities unless otherwise decided by the Participants.

This MoC is not intended to create any legally binding obligation between the Participants, neither directly nor indirectly.

Signed in duplicate at Kyoto on 5 October 2025 in the English language.

For the
Cabinet Office of Japan

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Minister of State for Science and Technology Policy
KIUCHI Minoru

For the
State Secretariat for Education, Research and Innovation (SERI)

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State Secretary
Martina Hirayama