MEMORANDUM OF COOPERATION

BETWEEN

THE CABINET OFFICE OF JAPAN

AND

THE MINISTRY OF DIGITAL DEVELOPMENT AND INFORMATION OF THE REPUBLIC OF SINGAPORE

ON QUANTUM SCIENCE, TECHNOLOGY, AND INNOVATION

The Cabinet Office of Japan ("CAO") and the Ministry of Digital Development and Information of Singapore ("MDDI") (hereinafter referred to individually as a "Participant" and collectively as the "Participants"),

RECOGNISING that Japan and Singapore are both leaders in quantum science and technology and maintain strong, diversified relations in science, technology, and innovation, with collaboration among academia, industry, and government;

BUILDING on the collaboration in the field of science and technology under the Agreement Between Japan and the Republic of Singapore for a New-Age Economic Partnership signed in Singapore on January 13, 2002.

ACKNOWLEDGING that cooperation between like-minded partners, grounded in shared principles such as transparency, accountability, protection of intellectual property rights, and commitment to upholding the rules-based international order, is essential to fostering an equitable research environment and leveraging the combined expertise of both countries.

AFFIRMING that quantum science and technologies can enable the development of transformative innovations, such as quantum computing, which addresses problems beyond the capabilities of the world's most powerful supercomputers, as well as quantum communication and quantum sensing, which have the potential to revolutionise sectors including life sciences, logistics, finance, and the green transition; and

NOTING that the coming years will be critical for the growth of the emerging quantum industry,

Have reached the following shared recognition:

PARAGRAPH 1

PURPOSE

Through this Memorandum of Cooperation (hereinafter referred to as "this MoC"), the Participants intend to further promote cooperation between their respective research and innovation communities and to support initiatives aimed at accelerating research and development, fostering innovation, and advancing the overall growth of the quantum sector towards a trusted international ecosystem and a resilient supply chain.

PARAGRAPH 2

FORMS OF COOPERATION

1. The Participants jointly endeavour to pursue cooperation in the following areas, subject to the applicable laws, regulations, and policies of the countries of each Participant:

(a) **Dialogue on quantum research and innovation:** Promoting dialogue between Japan and Singapore at all levels, from fundamental research to applied research and innovation, through relevant research bodies and hubs, with the aim of sharing best practices and identifying future opportunities for academic collaboration, including but not limited to quantum computing, communication, and sensing;

(b) **Academia–private sector interactions:** Facilitating engagement between academia and the private sector in both countries, for example by organising delegations to explore potential avenues for collaboration in the quantum domain;

(c) **Education, exchange, talent, and skills:** Exploring educational initiatives and exchange opportunities at both research and apprenticeship levels to build the talent and skills base required for the continued development of quantum ecosystems and the workforce;

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

(e) **Standards and governance:** Fostering bilateral and multilateral opportunities to discuss security and governance policy issues related to quantum science, including the development of a trusted international research community, collaboration for the responsible use of quantum technology, research security, investment screening, resilience, and standards such as through international standards platforms and coordination on quantum standards priorities to support interoperability between Japan and Singapore;

(f) **Infrastructure, test facilities, and missions:** Considering opportunities for shared access to research infrastructure and test facilities to strengthen research in advanced materials, use case development, and technological demonstration, validation, and maturation;

(g) **Commercialisation, use cases, and scale-up:** Seeking to accelerate the commercialisation of quantum technologies by enhancing collaboration between academia, quantum companies, and end-user enterprises in both countries for use case development, and showcasing demonstration projects at relevant platforms; and

(h) **Private funding, industry consortia, and institutional investors:** Facilitating efforts to increase private funding and investment in the quantum sector by engaging with industry consortia and institutional investors, including venture capital funds, and strengthening cooperation regarding quantum startups by mobilising private investment and promoting collaboration through relevant platforms.

2. The Participants recognise that initiatives under this MoC may be developed and implemented by various autonomous bodies and institutions in Japan and Singapore, in coordination with the Participants.

PARAGRAPH 3

NON-BINDING NATURE

This MoC serves only as a record of the Participants' intentions, and is not intended to create any legally enforceable rights or binding obligations, whether express or implied, or directly or indirectly, on either Participant, under domestic or international law.

PARAGRAPH 4

SETTLEMENT OF DIFFERENCES

Any difference arising from or relating to the interpretation, implementation or application of any matters relating to this MoC will be resolved amicably through consultations and negotiations in good faith between the Participants, and on the basis of mutual respect, without reference to any third party, court, tribunal, organisation or any other forum.

PARAGRAPH 5

COMMENCEMENT, DURATION, AND DISCONTINUATION

1. This MoC will commence on the date of its signature by the Participants, and will continue indefinitely unless discontinued in line with this Paragraph.

2. Either Participant may discontinue this MoC at any time by providing at least six (6) months' prior written notification to the other Participant of its intention to do so.

3. The discontinuation of this MoC will not affect any ongoing cooperative activities, or the validity, duration, or completion of any past activities under the MoC unless otherwise decided by the Participants in writing.

Signed in duplicate in Singapore on this 9th day of January 2026, in the English language.

For the **Cabinet Office** **of Japan**	For the **Ministry of Digital Development** **and Information** **of the Republic of Singapore**
ONODA Kimi	**Josephine TEO**
Minister of State for Science and Technology Policy	Minister for Digital Development and Information