



PRESS RELEASE

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

MALAYSIA STRENGTHENS INNOVATION COOPERATION AND PROMOTES LOCAL TECHNOLOGY ON THE INTERNATIONAL STAGE

OSAKA, JAPAN, 13 May 2025 – The Ministry of Science, Technology and Innovation (MOSTI) has launched MOSTI Week on 12 May 2025 in conjunction with Malaysia’s participation in Expo 2025 Osaka, as part of the country’s efforts to showcase local technological and innovation capabilities to the world and to strengthen strategic international collaborations, particularly with Japan.

Expo 2025 Osaka carries the theme “Designing Future Society for Our Lives,” while Malaysia’s Pavilion theme is “Weaving a Future in Harmony.” Malaysia’s participation highlights its cultural diversity, natural richness, and national ability to build the future through technology and innovation, as well as its commitment to sustainable development.

At the MOSTI Week launch ceremony, seven Memoranda of Understanding (MoUs) were signed between Malaysian technology companies and Japanese counterparts in the fields of biotechnology, hydrogen, and robotics, with an estimated investment and trade potential of nearly RM1.8 billion. These international collaborations align with the objective of positioning the World Expo as a strategic platform for local technology companies and industry players to enter the global market.

MOSTI is showcasing a range of R&D-based technologies and products, including in bioeconomy, hydrogen, nanotechnology, and social innovation. Featured technologies include GenSense, the Mobile Hydrogen Refuelling Station Model, the HyPER Solid Hydrogen Reactor Model, Mi-GraphPrInk, a mechanical prosthetic foot device, and the Bee Modular Box (BMB), a sustainable beekeeping technology solution.

Drawing visitor interest is the DapoBio initiative, a Malaysian food cooking demonstration using local biotech-based food products developed through research. This demonstration not only introduces Malaysia’s authentic flavours but also highlights how science and biotechnology can contribute to food security, health, and sustainability.

MOSTI is also organising the Technomart Malaysia–Japan: Talk Session & B2B Session in the Space Industry in collaboration with the Malaysian Space Agency (MYSA), the Malaysian Space Industry Consortium (MASIC), MIGHT, and the Japan Aerospace Exploration Agency (JAXA). Additionally, a panel session titled “Mission-Based R&D for Society 5.0: Strengthening Malaysia–Japan Innovation Partnerships” was held to explore mission-driven research and bilateral cooperation to develop solutions for current and future societal challenges.

In his opening speech, the Secretary-General of the Ministry of Science, Technology and Innovation, YBhg. Datuk Seri Hj. Hasnol Zam Zam bin Hj. Ahmad stated that Malaysia’s participation in this Expo is a continuation of the success of Expo 2020 Dubai, which clocked realised trade and investments amounting to RM9 billion. The same approach has been refined and improved to create greater impact at Expo 2025 Osaka.

MOSTI’s participation is also aligned with the Malaysia Startup Ecosystem Roadmap (SUPER) 2021–2030, which aims to empower the development of startup ecosystems and position Malaysia as a Global Startup Hub through various international collaboration programmes. More than 30 local technology companies from sectors such as biotechnology, energy, circular economy, digital technology, and aerospace are involved in business matching and pitching sessions coordinated by MATRADE.

Meanwhile, the Director of the Malaysia Pavilion, Ellyza Mastura Ahmad Hanipiah said, “On behalf of the Malaysia Pavilion, we are proud to be at the forefront of MOSTI’s ongoing efforts to strengthen global collaboration and drive quality investments into the country. Guided by our commitment to fostering continued cooperation, the Malaysia Pavilion will continue to support initiatives that enhance economic opportunities and international relations. Aligned with our targets of securing RM13 billion in potential trade and investment, as well as attracting 1.5 million visitors, we remain committed to making Expo 2025 Osaka, Kansai a premier platform for innovation, sustainable growth, and global engagement.”

The World Expo is an ideal platform for Malaysia to showcase its capabilities in science and technology, as well as to position itself as a sustainable and progressive global innovation partner.

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Prepared by:

**MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MOSTI)
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About the Malaysia Pavilion at Expo 2025 Osaka

The Malaysia Pavilion at Expo 2025 Osaka spans 2,654.52 square meters across three floors, reflecting the nation's diverse culture and dynamic economy. Designed by renowned Japanese architect Kengo Kuma, the pavilion draws inspiration from Malaysia's weaving tradition and iconic songket, symbolising heritage interwoven with innovation. With the theme "Weaving a Future in Harmony", the Pavilion highlights Malaysia's commitment to a sustainable, inclusive and forward-looking future.

The Pavilion is shaped by three narrative pillars: Human and Human, showcasing Malaysia as a cultural bridge and heritage champion; Human and Technology, positioning the country as an innovation-ready partner; and Human and Nature, emphasising environmental stewardship. These narratives are guided by four core principles: harmony, diversity, progress and sustainability.

Over 26 weeks, the Pavilion will be a hub for international collaboration and dialogue. Business weeks will feature participation from 21 ministries, 70 agencies and 10 state governments, with programmes including pocket talks, product launches, MoU signings and business matching sessions. The Pavilion will also host forums, summits and networking events that position Malaysia as a dynamic global partner. The Ministry of Investment, Trade and Industry (MITI) leads Malaysia's participation at Expo 2025 Osaka, overseeing the Pavilion's design, programming and international engagement. To find out more about the Malaysia Pavilion and its programmes, visit the official website at <https://expo2025-malaysia.miti.gov.my>

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