



PRESS RELEASE

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

MALAYSIA ENHANCES REGIONAL NUCLEAR SECURITY DETECTION

JOHOR BAHRU, 10 July 2025 – The culmination of the Multilateral Nuclear Security Detection Exercise, Malaysia-Indonesia-Thailand-Singapore 2025 (MITSATOM 2025), took place today with the implementation of the Field Training Exercise (FTX) at the Malaysian Maritime Enforcement Agency (APMM) Jetty in Gelang Patah, Johor Bahru, Johor.

This FTX showcased cross-agency coordination in responding to nuclear security incidents involving the smuggling of radioactive materials across maritime borders. It served as a continuation of the Tabletop Exercise (TTX) conducted on 8 and 9 July 2025.

The FTX physically tested the capabilities of assets and personnel from various agencies in managing scenarios related to the smuggling of radioactive materials across land and maritime borders in the ASEAN region. Throughout the exercise, assets and personnel were mobilised from multiple law enforcement agencies, including the Department of Atomic Energy Malaysia (Atom Malaysia), National Security Council (MKN), the Royal Malaysia Police (PDRM), the Malaysian Maritime Enforcement Agency (APMM), the Royal Malaysian Customs Department (RMCD), the Malaysian Border Control and Protection Agency (AKPS) and Ministry of Foreign Affairs (KLN). The exercise also featured tactical demonstrations covering aspects of detection, monitoring, isolation, management, and storage of radioactive materials in threat situations resembling real-life scenarios.

The exercise was observed by Mrs Ruziah Shafei, Deputy Secretary General (Planning and Science Enculturation) of the Ministry of Science, Technology and Innovation (MOSTI), and Mrs Koh Li-Na, Deputy Chief Executive Officer of Meteorological Services and Radiation Protection (MSRP), representing Singapore. It was also witnessed by representatives from Indonesia, Thailand, Singapore, Brunei Darussalam, the United States of America, the Government of Saudi Arabia, and the International Criminal Police Organization (INTERPOL).

The successful implementation of MITSATOM 2025 reflects inclusivity and confidence in regional cooperation networks, as well as a commitment to global well-being. It also reinforces the principles of Malaysia MADANI, which upholds values rooted in integrity, collective security, and shared responsibility in addressing transboundary nuclear security challenges.

Overall, the exercise successfully achieved its main objectives: to assess the level of preparedness, the effectiveness of inter-agency coordination, and the efficiency of standard operating procedures in responding to cross-border nuclear security events.

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DEPARTMENT OF ATOMIC ENERGY (Atom Malaysia) Control over the use of radioactive substances has been in place since 1968 when Parliament passed the Radioactive Substances Act 1968.

Given the rapid development of atomic energy activities in Malaysia, more effective control was needed. In April 1984, Parliament passed the Atomic Energy Licensing Act 1984 (Act 304). Subsequently, the Atomic Energy Licensing Board (AELB) was established on 1 February 1985 and placed under the Prime Minister's Department.

On 27 October 1990, this department was placed under the Ministry of Science, Technology and Innovation (MOSTI).

Later, on 9 June 2022, this agency was named the Department of Atomic Energy (Atom Malaysia). Atom Malaysia is a regulatory body responsible for regulating and enforcing the Atomic Energy Licensing Act 1984 (Act 304) and its subsidiary legislation. Its purpose is to ensure that all activities involving the use of atomic energy are conducted safely without endangering workers, the public, property, or the environment.

For more information, please visit www.atom.gov.my

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