



KEMENTERIAN SAINS,
TEKNOLOGI DAN INOVASI
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

PRESS RELEASE

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

MALAYSIA SHOWCASES NUCLEAR TECHNOLOGY ADVANCEMENTS AT IAEA MINISTERIAL CONFERENCE

VIENNA, 27 November 2024 - Malaysia reaffirmed its commitment to advancing nuclear science and technology for sustainable development at the International Atomic Energy Agency (IAEA) Ministerial Conference on Nuclear Science, Technology, and Applications, and the Technical Cooperation Programme in Vienna, Austria. Representing the Minister of Science, Technology, and Innovation (MOSTI), Dr. Rosli Darmawan, Director General of the Malaysian Nuclear Agency, delivered Malaysia's statement, highlighting the nation's achievements and future plans for advancing nuclear solutions to support sustainable growth.

Speaking on behalf of the Ministry of Science, Technology and Innovation (MOSTI), Dr. Rosli highlighted Malaysia's National Nuclear Technology Policy 2030, which sets a strategic framework for leveraging nuclear technology across key sectors to drive national development in achieving Sustainable Development Goals (SDGs).

In advancing food security and environmental sustainability, Malaysia has made significant strides through multiple initiatives. The country is actively implementing the Atoms4Food initiative, which combines Climate-Smart Agriculture practices with advanced breeding programs to enhance crop productivity and food quality. Malaysia has also pioneered nuclear techniques for halal meat authentication, setting new standards in food verification. As a pilot country in the NUTEC Plastics initiative, Malaysia is conducting groundbreaking laboratory-scale activities toward developing a pilot plastic recycling plant, demonstrating its commitment to addressing global plastic pollution.

Malaysia is strengthening its healthcare capabilities which includes enhancing nuclear medicine through collaboration with the IAEA's Rays of Hope initiative. The country has also reinforced its commitment to disease prevention by actively participating in the IAEA's ZODIAC initiative and VETLAB Network, improving its response to zoonotic diseases.

At the conference, Malaysian Nuclear Agency presented an exhibition showcasing its nuclear innovations and their impact on sustainable development. The showcase demonstrates how Malaysian expertise is driving progress in non-destructive testing, nuclear agriculture for food security, and cutting-edge radiation technologies for industrial applications. In education sector, Malaysia also promoted the country's upcoming role as host of the International Nuclear Science Olympiad (INSO) 2025 with collaboration of IAEA to nurturing young talent.

"Malaysia remains committed to the peaceful applications of nuclear technology and will continue strengthening global partnerships through technical cooperation to advance sustainable development," stated Dr. Rosli, representing MOSTI at the conference.

The IAEA Ministerial Conference, participated by ministers and senior officials from IAEA Member States, provided a key platform for Malaysia to showcase its achievements and emphasize the transformative potential of nuclear science in addressing global challenges.

#END#

Prepared by:

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION
27 NOVEMBER 2024