

KEYNOTE ADDRESS

**YAB DATUK AMAR FADILLAH BIN HAJI YUSOF
DEPUTY PRIME MINISTER & MINISTER OF ENERGY
TRANSITION AND WATER TRANSFORMATION (PETRA)**

**INTERNATIONAL CONFERENCE ON NUCLEAR ENERGY
(ICNE 2025)**

11 NOVEMBER 2025 | SUNWAY RESORT HOTEL

Bismillahirrahmanirrahim

Assalamualaikum Warahmatullahi Wabarakatuh,

Salam Malaysia MADANI, and a very good afternoon.

(SALUTATIONS)

HER EXCELLENCY JODI ROBINSON

High Commissioner of Canada in Malaysia

YANG BERUSAHA PUAN SITI SARAH SALLEH

CEO of Nestmatrix Solution

YANG BERBAHAGIA TAN SRI SIR DR. JEFFREY CHEAH

The Founder and Chairman of the Sunway Group

YANG BERUSAHA DR ABDUL AZIZ MOHAMED

President, Malaysian Nuclear Society (MNS)

YANG MULIA RAJA DATO' (DR) RAJA ABDUL AZIZI

RAJA ADNAN

Principal Advisor of eCEOs Sdn. Bhd.

YANG BERUSAHA PUAN ZAINORA BINTI ZAINAL

Chief Executive of CIDB Malaysia

**Distinguished Speakers,
Industry Leaders,
Ladies and Gentlemen,**

1. It is my great honour to welcome all of you to the **International Conference on Nuclear Energy (ICNE 2025)**, themed **“Paving the Way for a Sustainable Energy Source in ASEAN.”**
2. This conference serves as an important platform for **knowledge exchange, capacity building, and regional collaboration** among policymakers,

researchers, and industry leaders shaping the future of nuclear energy.

3. My heartfelt appreciation goes to Nestmatrix Solution, the Malaysian Nuclear Society, and all strategic partners for your continued commitment to advancing Malaysia's clean energy transition.

Ladies and Gentlemen,

4. We are in a **transformative era** where energy security, climate resilience, and technological innovation **define our national priorities**.
5. As global demand for sustainable energy intensifies, many countries are adopting ambitious pathways towards **net-zero emissions by 2050**.
6. For Malaysia and ASEAN, this transition represents a strategic opportunity to drive a low-carbon, inclusive, and competitive energy future.

7. While renewable energy remains a cornerstone of our strategy, its intermittency highlights the need for dependable, low-carbon baseload options.

Globally, nuclear energy has re-emerged as a viable solution—offering reliability, scalability, and nearzero emissions.

8. Malaysia continues to evaluate nuclear energy as part of its **long-term national energy transition plan**. This exploration is not a sudden shift, but a carefully phased, science-based process to diversify our energy mix and strengthen energy security and affordability.

9. Our approach is guided by **three key principles: safety, transparency, and sustainability**. Any decision on nuclear power will be made with utmost care, grounded in evidence, public engagement, and international best practices.

10. In line with Malaysia's commitment to building a credible foundation for future nuclear energy development, **the Government has designated MyPower Corporation as the Nuclear Energy**

**Programme Implementing Organization
(NEPIO).**

11. This marks a significant milestone in institutionalizing Malaysia's nuclear readiness.

12. As NEPIO, MyPower plays a central role in :

- **Coordinating national efforts across ministries, regulators, and industry players on nuclear planning and infrastructure development.**
- **Strengthening institutional, legal, and regulatory frameworks consistent with the International Atomic Energy Agency (IAEA) Milestone Approach.**
- **Conducting feasibility studies to assess nuclear energy's role in achieving long-term energy security and emission reduction goals.**

- **Engaging the public and key stakeholders to build understanding and confidence in Malaysia's nuclear direction.**

13. Through this role, MyPower reflects Malaysia's whole-of-government commitment to ensuring that any potential adoption of nuclear energy is orderly, transparent, and in line with our MADANI values.

Distinguished Guest, Ladies and Gentlemen,

14. Malaysia's exploration of nuclear energy is embedded within the **National Energy Transition Roadmap (NETR)** and complements the **National Energy Policy (NEP) 2022–2040**.

15. **Key initiatives** underway include:

- (i) **Regulatory Strengthening** – Enhancing the capacity of the Atomic Energy Licensing Board (AELB) to ensure readiness in licensing, oversight, and public safety.

- (ii) **Human Capital Development** – Building technical expertise among engineers, scientists, and regulators through training and international cooperation.
- (iii) **Research and Technology Collaboration** – Deepening partnerships with international institutions and nuclear technology providers to transfer knowledge and innovation.
- (iv) **Public Communication and Trust-Building** – Engaging citizens transparently to foster informed dialogue about the peaceful and safe use of nuclear energy.

16. These initiatives align with Malaysia's broader energy transition agenda, ensuring a balanced, responsible, and forward-looking approach to achieving Net Zero by 2050.

17. Today's conference gathers leading experts from the Department of Atomic Energy Malaysia, ASEAN Centre for Energy, China National Nuclear Corporation, AtkinsRéalis Canada, and the Korea Nuclear Association for International Cooperation.

18. Through **shared expertise**, we can ensure that nuclear development in our region remains safe, secure, and sustainable, guided by transparency and international standards.
19. **Public trust** remains central. When citizens understand the science, safeguards, and benefits, they become active partners in Malaysia's energy transition.
20. On behalf of the Ministry of Energy Transition and Water Transformation, I warmly welcome all participants, partners, and guests.
21. May your discussions at ICNE 2025 inspire practical pathways and enduring partnerships toward a clean and resilient energy future for Malaysia and ASEAN.
22. With Bismillahirrahmanirrahim, I hereby declare the **International Conference on Nuclear Energy 2025** officially open.

Wabillahi Taufiq wal Hidayah, Wassalamualaikum
Warahmatullahi Wabarakatuh. Thank you.