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Setting up a world-class National Energy Center of Excellence National Energy University: Promoting the Energy Transition



Alibizu (centre) and Ahmad Anzahahim (left), viewing the model of the National Energy Centre. From left, Noazuan Abu Osman, Hassan Arifin and Baharin al-Din.

The National Energy University (UNITEN) has established a world-class national center of excellence, the National Energy Center (NEC), to conduct in-depth research in the field of energy transition, including climate change issues, and the development of sustainable and renewable energy at home and abroad.

National Energy University, incorporating its five energy centers of excellence into the National Energy Center, will cooperate with famous universities and industry pioneers at home and abroad to carry out a number of energy-related research and projects to realize Malaysia's vision of a regional energy hub.

The launch ceremony of the National Energy Center was held today (30th) at Putrajaya National Energy University. Datuk Ali Bizu, Deputy Minister of Energy and Natural Resources, and Datuk Ahmad Anzah, Deputy Minister of Science, Technology and Innovation (MOSTI) Hashim hosted. They represent department ministers Datuk Seri Dakiyuddin Hassan and Datuk Seri Aham Baba respectively.

The attendees also included TNB Chairman Dato Seri Hasan Arifin, TNB President and Chief Executive Officer Datuk Baharin Din, TNB President Professor Noazuan Abu Osman, and more than 200 senior government officials , ambassadors, high commissioners, experts, scholars, professionals, researchers and domestic and foreign energy industry players.

Takiyuddin's speech was read by his deputy minister. Takiyuddin said higher education institutions have taken the initiative to build a National Energy Centre at TNB, contributing expertise to the country's development agenda, including efforts to promote renewable energy capacity to reduce carbon emissions.

"The establishment of the National Energy Center is of great significance, because the center will mobilize the power of various stakeholders to jointly conduct in-depth research on energy-related issues facing the world."

"I believe that if the National Energy Centre is managed well, it can provide solutions to the energy problems looming over our country and the world."

"The National Energy Centre will play a strategic role in making Malaysia a carbon neutral country by 2050, while achieving its commitment to the TNB Sustainability Pathway (SP2050) net-zero emissions vision.

He also asked researchers at the National Energy Centre to take long-term options and measures to ensure that electricity supply continues to be reliable and affordable.

On the other hand, Aham Baba's speech was read by the Deputy Minister. Aham Baba suggested that the National Energy Center develop cooperation at the regional energy transition level, especially with ASEAN countries, China, European countries, and international organizations.

"The National Energy Center can host high-level forums between prominent academics, industry experts and senior government officials from ASEAN and the International Energy Agency (IEA) to delve into important issues related to the energy sector."

The five institutes of excellence that will be included in the National Energy Center are the Institute of Sustainable Energy (ISE), the Institute of Electric Power Engineering (IPE), the Institute of Energy Infrastructure (IEI), the Institute of Energy Policy and Research (IEPRE), and the Institute of Energy Institute of Information and Computing (IICE).

The construction of the National Energy Centre is another milestone in Malaysia's development of a dedicated centre of excellence to address the challenges of climate change, sustainable development and energy transition.