



PRESS RELEASE

S.A. 2023/11/19_59 (HQ)

TNB DRIVES COLLABORATIVE ENERGY TRANSITION IN ASEAN AND MALAYSIA

- Committed to balancing the energy trilemma
- Policy, tech and funding are vital for a successful ET
- Regional collaboration to accelerate the ET collectively

Tenaga Nasional Berhad (TNB) continues its unwavering commitment to driving sustainable development initiatives in ASEAN. The company stands poised to forge partnerships with governments, investors, and key stakeholders to accelerate a responsible energy transition (ET) while addressing the energy trilemma.

In a recent address at the ENLIT ASIA 2023 conference, **TNB's President and Chief Executive Officer, Dato' Seri Ir. Baharin Din** shed light on the critical challenge of accelerating a responsible ET in balancing the energy trilemma that involves balancing the need for energy security, energy sustainability and energy affordability.

He highlighted the need for a responsible ET to address the rapidly increasing demand for electricity, and emphasised that TNB is prepared to meet this demand while reducing emissions.

“Within the ASEAN region, the goal is to source 3,000 GigaWatt (GW) of capacity from clean energy. Currently, ASEAN has installed 95GW of thermal fuel and 188GW of renewable energy (RE). By 2050, the region aims to reach over 2,700GW of RE,” said Baharin.

Policy, Green Tech and Funding: Vital for a Successful ET

Policy, green technology, and funding are key enablers of a successful ET. Baharin stressed the substantial investment required to achieve ASEAN's Net Zero goals by 2050. He expressed optimism in the shifting landscape where governments are actively setting policies to support the growth of low-carbon businesses.

Malaysia's National Energy Transition Roadmap (NETR) focuses on RE, energy efficiency (EE), hydrogen, bioenergy, green mobility, and carbon capture. Baharin emphasised the transformative role of these initiatives in transitioning Malaysia towards a sustainable, green economy.

“Collaborative partnerships with regional counterparts through platforms like HAPUA (Heads of ASEAN Power Utilities/Authorities), SOME (Senior Officials Meeting on Energy), and AMEM (ASEAN Ministers on Energy Meeting) have expedited progress towards sustainable energy objectives,” added Baharin.

Strategic Partnerships: Advancing Malaysia’s Energy Transition Goals

Malaysia plays a pivotal role in facilitating collective ET objectives within the region. Baharin said the country is bolstering its transmission infrastructure to strengthen regional cooperation and support the interconnection of energy systems across borders through the ASEAN Power Grid (APG).

“At present, we can support an extra 12GW of new solar plants and battery storage at specified nodal points in our domestic infrastructure, in addition to the existing 4GW of RE. We are proactively identifying more nodal points to match our national goal of reaching 70% renewable energy capacity by 2050 and fulfilling the energy demands of neighbouring countries when necessary.”

Strategic partnerships are key to advancing Malaysia's ET goals. To date, TNB has signed 29 Memorandum of Understandings (MoUs) with local and international partners in various ET fields such as solar parks, integration of hydrogen and ammonia in power plants, interconnection, and electric vehicles.

“TNB believes that a collaborative approach, along with supportive policies, technology advancements, and adequate funding, is crucial for a successful ET while addressing the energy trilemma,” he concluded.

Released in Kuala Lumpur on 19 November 2023, at 11.30 am

Kindly forward all press inquiries to Hanim Idris 019-2617617 /

Grace Tan 016-6626229 / Faiq Haikal 013-3889606 / Atikah Aqilah 011-10772731

or email: media@tnb.com.my



TNB's President and Chief Executive Officer, Dato' Seri Ir. Baharin Din delivered a keynote address titled 'Empowering a Responsible Energy Transition' during ENLIT ASIA 2023 in Jakarta, Indonesia on November 15, 2023. His discourse highlighted the pivotal role of collaboration and shared responsibility in propelling the energy transition (ET) across the ASEAN region.