



PRESS RELEASE

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TNB UNVEILS VISION FOR A SUSTAINABLE ENERGY FUTURE AND COLLABORATION AT CEPSI 2023

- Pioneering renewable energy initiatives: cementing commitment to a sustainable energy future
- Paramount significance of ASEAN-China collaboration in achieving Net Zero goals, positioning TNB as a pivotal force in the global energy transition
- Spearheading carbon emission reduction with innovative projects

Tenaga Nasional Berhad (TNB), has solidified its pledge to spearhead Malaysia's energy transition by championing transformative renewable energy projects. The commitment was highlighted by TNB President and Chief Executive Officer, Dato' Seri Ir. Baharin Din, during his keynote address at the 24th Conference of the Electricity Power Supply Industry (CEPSI) held recently in China.

Baharin underscored the significance of the ASEAN-China collaboration in the relentless pursuit of Net Zero goals. Together, both powerhouses aren't simply embracing Net Zero goals but leading the charge in navigating the global energy transition, forging monumental strides towards a low-carbon future, and catalysing substantial economic growth.

TNB proudly stands at the forefront of the ASEAN energy transition, forging robust alliances with Chinese counterparts to harness cutting-edge green technology including advanced expertise and capabilities in green tech manufacturing. The ASEAN Power Grid, a beacon of opportunity, promises economic prosperity for Southeast Asia and China, steering them closer to collective Net Zero aspirations.

Amidst this, TNB is currently finalising partnerships and conducting feasibility studies for the development of Renewable Energy (RE) Zones for Large-Scale Solar (LSS) and Hybrid Floating Solar Photovoltaic (PV), totaling an impressive 2,500 MW in capacity. The company is also exploring groundbreaking co-firing projects involving hydrogen and ammonia, signaling a clear commitment to innovation and sustainability.

Baharin stated, "We are fast-tracking these key projects under National Energy Transition Roadmap (NETR) which is in line with our Energy Transition Plan (ETP), spanning the entire electricity value chain. These initiatives represent tangible steps in our journey towards fulfilling our sustainability commitments and vision, all the while fostering robust business growth."

TNB is actively formulating a robust business case for hydrogen production, encompassing both export and domestic usage, with an anticipated completion timeline of two years. Green hydrogen will play a prominent role in TNB's co-firing initiatives under TNB Genco. Next-generation gas-fired power plants, equipped with hydrogen-ready technology, will be introduced starting in 2030, leading to electricity production characterized by significantly lower carbon emissions.

The CEPSI 2023, a biennial event, serves as the flagship gathering of The Association of the Electricity Supply Industry of East Asia and the Western Pacific (AESIEAP). This year, CEPSI 2023 witnessed the participation of approximately 2,500 representatives from member countries, highlighting its significance as a premier platform for industry collaboration and knowledge exchange.

Baharin underscored TNB's commitment to supporting Malaysia's position as the regional data centre hub, introducing the Green Lane Pathway - a game-changer tailored for the data centre market, streamlining electricity supply and implementation timelines significantly. It is an exclusive initiative tailored to the needs of the data centre market, offering expedited electricity supply options, and reducing implementation time from 36-48 months to 12 months. TNB also provides a One-Stop-Centre (OSC) for data centre investors and anticipates the potential demand from data centres to exceed 4,300 MW by 2035.

Shifting gears, Baharin highlighted TNB's commitment to empowering the ASEAN Power Grid and expressed anticipation for China's support in RE projects, foreseeing immense growth, job creation, and economic development across the region.

Baharin concluded, "ASEAN and China are undeniably prominent players on the global energy stage, both playing pivotal roles in the ongoing energy transition. The immense potential for growth and collaboration between these two regions holds the key to achieving our shared objective of advancing towards a low-carbon, sustainable future."

TNB's journey is one of innovation, partnership, and a steadfast commitment to a greener, more sustainable tomorrow.

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During his keynote address at CEPSI 2023 held in Xiamen, China, TNB's President and Chief Executive Officer, Dato' Seri Ir. Baharin Din underscored the critical significance of the ASEAN-China collaboration in achieving our collective Net Zero aspirations.