



PRESS RELEASE

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TNB AND PETRONAS PARTNERS TO ADVANCE HYDROGEN ECONOMY WITH JOINT FEASIBILITY STUDIES FOR HYDROGEN BUSINESS DEVELOPMENT

- TNB and PETRONAS are making progress in the pursuit of a hydrogen economy

Tenaga Nasional Berhad (TNB) and PETRONAS marked a significant milestone by signing a definitive Joint Feasibility Study Agreement (JFSA) to advance the studies for hydrogen business development in Malaysia, cementing their commitment to advancing the hydrogen economy.

Building upon the earlier signed Memorandum of Understanding (MOU), the agreement underscores the commitment of both industry leaders to collaborate and foster a strong synergy in exploring and developing business ventures in the emerging field of green hydrogen. This collaboration signifies the companies' shared vision of accelerating the deployment of clean technologies, such as hydrogen and carbon capture, to decarbonise the energy sector.

"This agreement serves as a testament to our unwavering dedication to uniting industry players and forging a powerful synergy. Together, we are committed to exploring and developing business ventures in the promising field of green hydrogen," TNB President and CEO, Dato' Indera Ir. Baharin Din emphasised his vision for the transformative partnership between TNB and PETRONAS.

In his speech during the signing ceremony, TNB Chief Strategy and Venture Officer, Datuk Ir. Megat Jalaluddin Megat Hassan emphasized the importance of collaboration and its role in achieving sustainable practices. "This collaboration will not only contribute to the economic growth and prosperity of our nation but also bring about numerous job opportunities. Together, we can unlock innovative solutions, drive sustainable practices, and create a conducive environment for business to thrive." He stated.

"PETRONAS and TNB bring to the table over 120 years of combined experience in engineering and technology. Together, we look forward to building an ecosystem of technology and infrastructure for the clean energy needed to progress the nation's sustainability goals and support an equitable energy transition for future generations," said PETRONAS Senior Vice President of Project Delivery and Technology, Datuk Bacho Piong.

The strategic collaboration between TNB and PETRONAS holds particular significance in addressing the challenge of decarbonising the energy industry, where both organisations play prominent roles. Recognising the potential of hydrogen as a versatile and clean source of

energy, they aim to leverage this resource to reduce carbon emissions in sectors such as transportation, manufacturing, and power generation. TNB, in line with its commitment to achieving Net Zero by 2050, is exploring the utilization of hydrogen and ammonia as co-firing options in its generation fleet. The collaboration also opens up opportunities for TNB to venture into hydrogen usage in mobility and manufacturing.

Furthermore, this agreement also marks a critical milestone in this journey toward a greener and more sustainable future. Through this study, TNB and PETRONAS together with Gentari, the clean energy company founded by PETRONAS, will gain invaluable insights into the challenges and opportunities presented by the deployment of green hydrogen. It will enable the exploration of innovative solutions, identification of potential off-takers for green hydrogen, and formulation of a collaborative framework between TNB and PETRONAS.

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TNB President and CEO, Dato' Indera Ir. Baharin Din



TNB Chief Strategy and Venture Officer, Datuk Ir. Megat Jalaluddin Megat Hassan (fourth right) with PETRONAS Senior Vice President of Project Delivery and Technology, Datuk Bacho Pulong (fourth left), holding the signed documents of definitive Joint Feasibility Study Agreement (JFSA). The signing was witnessed by TNB Power Generation Sdn Bhd (TNB Genco) former Managing Director, Nor Azman Mufti (third right) and PETRONAS Corporate Strategy Senior Vice President, Mazuin Ismail (third left).

Also present, TNB Genco Managing Director, Muhammad Nazri bin Pazil (second right), TNB Genco BD & Commercial Head, Datuk Mohd Hisham Ab Halim (extreme right); PETRONAS Group Technology & Commercialisation Vice President, Aadrin Azly (second left), and Gentari Chief Green Mobility Officer, M Shahrizal B Yang Razalli (extreme left).