



SIARAN AKHBAR PRESS STATEMENT

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TNB'S RESEARCH ARM IN JOINT COLLABORATION FOR MALAYSIA'S FIRST BIOMASS WATER WASHING DEMO PLANT

- In collaboration with South Korea's KEPRI & Detik Aturan Sdn Bhd

Tenaga Nasional Bhd (TNB), through TNB Research Sdn Bhd has teamed up with two other companies on a demonstration plant that cleans and removes impurities from palm oil empty fruit bunches (EFB) used in the production of premium biomass pellet. The pellet is manufactured as fuel for power generation.

TNB Research, together with KEPRI, the research institute of KEPCO, South Korea's largest electric utility and Detik Aturan Sdn Bhd (DASB), a Malaysian biomass pellet producer, last Tuesday launched the demonstration plant, Malaysia's first Biomass Water Washing Demonstration Plant.

TNB Research is a wholly-owned subsidiary and the research and development (R&D) arm of TNB. Presently, it is undertaking research activities and providing engineering services in developing the residue of palm oil industries to convert into high value-added products.

Speaking at the launch ceremony, Detik Aturan Managing Director, Khairil Annuar Khalid described the company's involvement in the project — by providing a location for the demonstration plant, as proof of its commitment towards a cleaner and healthier environment.

Meanwhile, KEPRI President, Dr. Sung Hwan Bae said as South Korea's leading electrical technology developer, the institute was delighted to support the expansion of the potential of commercially high-value biomass pellet as fuel supply for power generation.

Managing Director of TNB Research, Ir. Dr. Zainul Asri Mamat, added: "Thanks to emerging technologies, the global biomass business is experiencing an era of rapid change."

He said the collaborative effort on the demonstration plant would ensure that the biomass pellet industry remains at the forefront in leveraging those changes.

At the launch, the three parties also signed a memorandum of understanding (MOU) to promote bilateral cooperation in technology, competency and capability as well as business opportunities on biomass business, worldwide.

About TNB Research

Formed in 1993, TNB Research is the in-house solution provider for TNB. Through its R&D facilities in Kajang, Selangor, TNB Research provides a centralised, one-stop centre for technical solutions and innovation.

These solutions have contributed towards improving the overall operational performance of TNB in various areas. While continuing the efforts on operational improvement initiatives in the company, TNB Research is now embarking on various Advanced Research projects to position TNB to be an early adopters of promising technologies.

About KEPRI

Established in July 1961, the company is expanding its business activities through cooperation with international companies to meet the growing demand of stable biomass supply.

With more than 40 years of experience, KEPRI has been leading South Korea's national electrical technology development. It has also contributed to the localisation activities of major facilities and long- term power development plan for South Korea.

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