

PRESS RELEASE

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TNB TO ACCELERATE ITS DIGITALISATION JOURNEY, FOCUSING ON ENERGY TRANSITION AND SUSTAINABILITY

- Modernising digital foundation as well as exploring opportunities within the energy transition space.
- Series of identified pilot projects over a period of two years.
- Creating more economic value through GDP growth and new job opportunities within the energy sector.

Tenaga Nasional Berhad (TNB) intends to accelerate its digital transformation as the company prepares itself to support the country's energy transition, ensure continued business growth for the company as well as fast track its own sustainability agenda.

A Memorandum of Understanding (MoU) between TNB and Microsoft was signed in conjunction with the launch of ICT Conference 2022 (ICON 2022), an annual TNB digital conference held on 13th September 2022 at Setia City Convention Center, Shah Alam.

Chief Global Business Solutions Officer of TNB, Ahmad Hushairi bin Ibrahim officiated the conference and witnessed the signing on behalf of President/Chief Executive Officer of TNB, Dato' Indera Ir. Baharin Din.

Baharin in the speech that was delivered by Ahmad Hushairi said the MoU will allow both parties to explore modernising the digital foundations for TNB with the intent of adopting external use cases that could transform the core business to support the Group's strategic pillars of Grid of the Future and Winning the Customer, as well as explore opportunities within the energy transition space.

He said, both parties have agreed to collaboratively work on discovering and validating potential opportunities which will be conducted through a series of identified pilot projects over a period of two years.

"Digitalisation is an important element of TNB's Grid of the Future strategic pillar, which is a critical enabler in delivering the nation's energy transition and to fast track TNB's own sustainability aspiration of achieving net zero emissions by 2050," he added.

TNB's Grid of the Future is envisioned to be the next generation of a grid that is smart, automated, and digitally-enabled to ensure maximum efficiency and reliability of power supply. This smart grid will also be equipped with self-healing capabilities to minimise supply interruption and is also expected to support bi-directional power sources from prosumer's own distributed energy sources and renewable energy (RE).

Transforming to a smarter and digitalised grid will see TNB implement key digital projects such as smart energy management system, advanced distribution management systems, intelligent asset performance systems as well as expand the coverage for tracking and monitoring of substations using IoT and geospatial technology.

The MoU was signed by TNB's Chief Information Officer, Azlan Ahmad and Managing Director of Microsoft Malaysia, K Raman. President of Microsoft Asia Pacific, Andrea Della Mattea was also present to witness this historic collaboration.

Baharin said, TNB has historically welcomed working with various local and international technology vendors and service providers in delivering its digital projects and initiatives and will continue to do so in the future.

However, he said, to accelerate the digital transformation of the company, TNB believes in establishing strategic partnerships with trusted technology partners that could assist in offering advice, guidance, and expertise in the field of digital technology.

Baharin also disclosed that to accelerate digitalisation for Grid of the Future and Winning the Customer, several key digitalisation implementations are identified for Regulatory Period 3 (RP3) in which TNB is committed to investing RM2.5 to 2.7 billion over the next 3 years.

All of this, he said, is in line with TNB's continuous support of government-led initiatives in driving the energy transition in Malaysia, creating more economic value through GDP growth and new job opportunities within the energy sector while ensuring the company remains in a position for positive business growth and achieving its net zero aspiration by 2050.

TNB's Residential customers will also experience the effects of digitalisation through the deployment of smart meters which provides them with better visibility of energy usage as well as control of their electricity usage through awareness of their own consumption patterns. All of these are made easily accessible through TNB digital channels such as the myTNB app and myTNB self-service portal.

In addition, the MoU also includes digital skilling and development initiatives for TNB employees where technical and digital competency in using Microsoft tools and cloud services of varying complexity will be provided for both IT and Non-IT roles within the company.

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**TO ACCELERATE TNB'S DIGITALIZATION JOURNEY,
FOCUSING ON ENERGY TRANSITION AND SUSTAINABILITY**
between
Tenaga Nasional Berhad and Microsoft Malaysia
13 September 2022



TNB Chief Information Officer, Azlan Ahmad (second left) handshake with Managing Director, Microsoft Malaysia, K Raman (second, Right) after the signing ceremony to Accelerate TNB's Digitalization journey, focusing on energy transition and sustainability between TNB and Microsoft Malaysia on 13 September 2022.

Witnessed by TNB Chief Global Business Solutions Officer, Ahmad Hushairi Ibrahim and President of Asia Pacific, Microsoft, Andrea Della Mattea.

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To accelerate TNB's Digitalization journey, TNB Chief Information Officer, Azlan Ahmad (second left), and Microsoft Malaysia Managing Director, K Raman signed a Memorandum of Understanding (MoU) to formalise TNB and Microsoft's partnership on 13 September 2022. TNB Chief Global Business Solutions Officer, Ahmad Hushairi Ibrahim (far left) and Microsoft Asia Pacific President, Ms. Andrea Della Mattea (far right) were also present to witness the historic collaboration.