

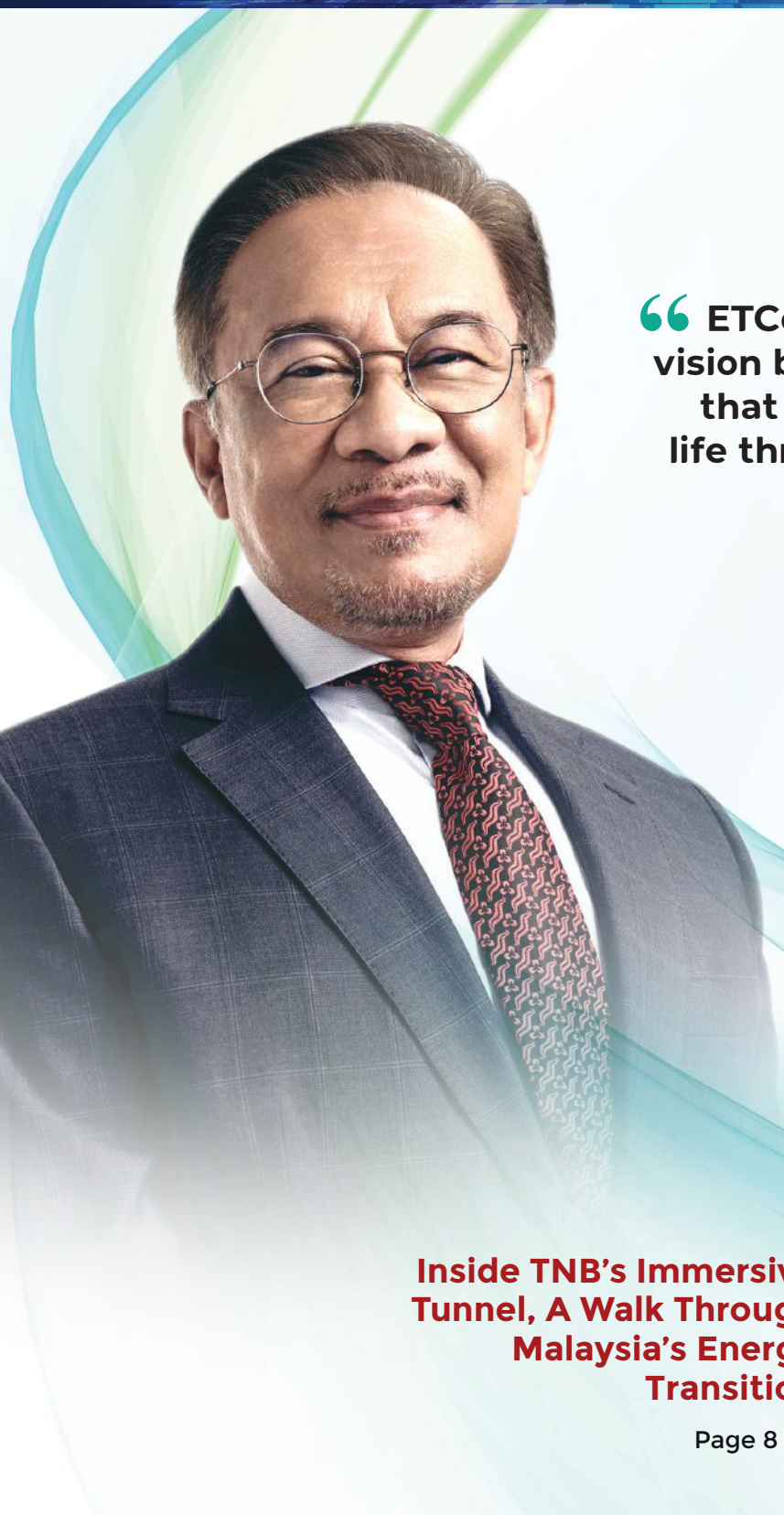
# ETCon News

THE ENERGY TRANSITION CONFERENCE 2026

DAY

2

4<sup>TH</sup> JUNE  
2026



“ ETCon26 embodies the MADANI vision by driving sustainable progress that improves people’s quality of life through compassion, innovation, prosperity, and trust. ”

ANWAR IBRAHIM

**TNB’s Commitment  
Drives Renewable  
Energy Growth, Says  
Fadillah Yusof**

Page 5

**Inside TNB’s Immersive  
Tunnel, A Walk Through  
Malaysia’s Energy  
Transition**

Page 8 - 9

**Adequate Power Supply  
Critical To Support &  
Expand AI,  
Says Delegate**

Page 6 - 7

## MESSAGE FROM THE HONOURABLE PRIME MINISTER



The world's energy order is being tested yet again and from that crucible, Malaysia's answer to the strain is neither hesitation nor half-measured. The just transition continues unimpeded towards a more sustainable and resilient energy future.

Tenaga Nasional Berhad's Energy Transition Conference 2026 (ETCon26) convenes at this timing of consequence, where the transition imperative coincides with the fast-growing digital economy and artificial intelligence revolution.

ETCon26 continues what we started three years ago with the launch of the National Energy Transition Roadmap and our commitment towards achieving net zero by 2050.

This year, ETCon26 focuses on three important pillars: (1) Energy for AI, ensuring that clean and sustainable energy powers the next frontier of technology adoption; (2) AI for Energy, leveraging AI to improve the efficiency, resilience and reliability of power systems; and (3) Energy Transition for the People, ensuring that the benefits of this transition are inclusive and enjoyed by the rakyat.

The latter is of utmost importance to ensure that what we speak into existence here at ETCon26 translates into appreciated betterment in the people's quality of life. This is aligned with the MADANI ethos of nationhood, embodying the principles of sustainability, care and compassion, respect, innovation, prosperity, and trust.

Bearing much of the weight to deliver on these promises is TNB. For that, I commend them for once again building a platform to accelerate Malaysia's energy transition agenda through the integration of AI and innovative technologies.

As the saying goes, time and tide wait for no man, and so must we seize the opportunities before us. Imbued with that sense of purpose, I welcome policymakers, industry leaders, technologists and stakeholders to come together at this important platform to deliberate on ways to accelerate energy transition, with AI driving innovation, efficiency and resilience across the energy ecosystem.

**ANWAR IBRAHIM**

## Today's Highlights



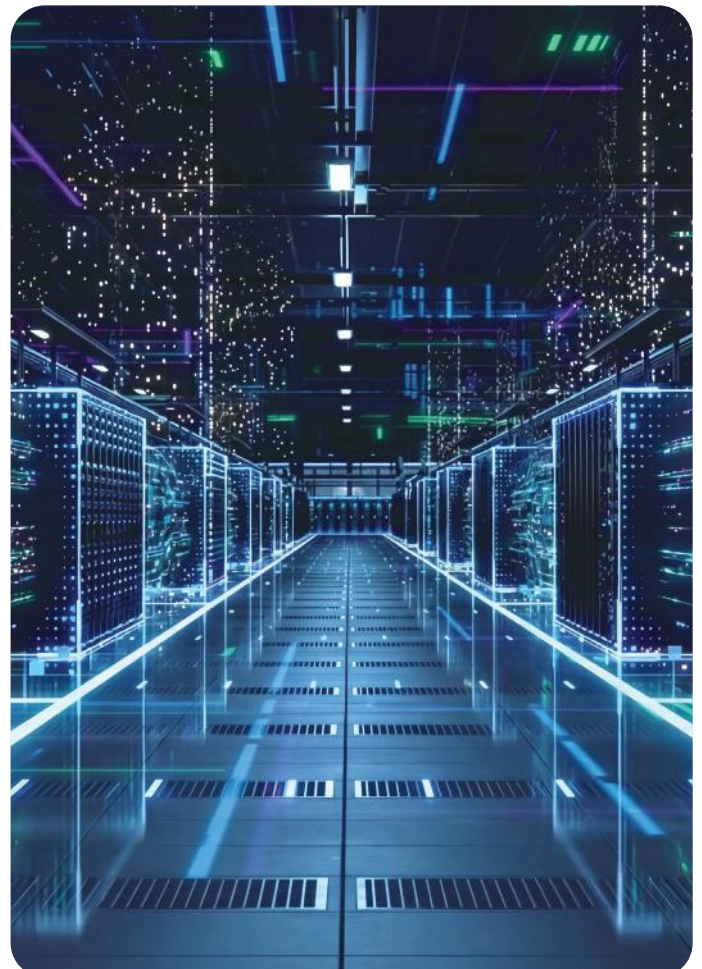
### DAY 2

- **9.10AM-9.25AM - Plenary Hall**  
Keynote: From Vision to Action: Building Malaysia's AI Ecosystem
- **9.45AM-9.50AM - Plenary Hall**  
Welcome Remarks by ETCon26 Host
- **9.50AM-10.15AM - Plenary Hall**  
Special Keynote Address & Official Launch of ETCon26: **The Honourable Dato' Seri Anwar Ibrahim, Prime Minister of Malaysia**
- **10.15AM-10.20AM - Plenary Hall**  
Powering NETR: Agreement Exchange for 1.5GWp & 2.2GWh BESS for Hybrid Hydro Floating Solar (HHFS) and Ground Mounted Solar - Witnessed by Prime Minister of Malaysia
- **10.35AM-11.00AM - Plenary Hall**  
ASEAN Fuel & Supply Chain Security in the New Era
- **11.00AM-11.40AM - Plenary Hall**  
Dialogue: Next-Generation Nuclear: Pioneering the Future
- **11.40AM-12.20PM - Plenary Hall**  
Dialogue: Gas in Transition: Reshaping Malaysia's Gas Value Chain for Security, Flexibility and Decarbonisation
- **12.20PM-1.05PM - Plenary Hall**  
Ministerial Dialogue: Powering Malaysia's Next Growth Chapter: Energy, Economy & Digital In Sync
- **2.00PM-2.35PM - Plenary Hall**  
Dialogue: Stability in Transition: Keeping the Lights On in a Changing Grid
- **2.35PM-2.55PM - Plenary Hall**  
Plenary: Carbon Markets and the Just Transition: Balancing Decarbonisation and Affordability
- **2.55PM-3.35PM - Plenary Hall**  
Dialogue: Beyond Smart: Designing the Adaptive Grid at Plenary Hall
- **2.55PM-3.35PM - Hall 4**  
Dialogue: ESG in the Energy Transition: Value Driver or Compliance Burden?
- **3.50PM-4.40PM - Plenary Hall**  
Dialogue: ASEAN Power Grid From MoUs to Megawatts
- **4.40PM-5.20PM - Plenary Hall**  
Dialogue: Shaping an AI-Ready Generation: The Role of Today's Leaders
- **5.20PM-5.45PM - Plenary Hall**  
Keynote: Beyond The Known: AI And The Race to Net Zero
- **5.45PM-5.55PM - Plenary Hall**  
Closing Remark



### Trivia

TNB currently supplies electricity to 36 data centres with a planned capacity of approximately 4.5GW. Additionally, 23 data centre projects with a maximum demand of 3.8GW are under development. This supports Malaysia's growing digital economy, attracts investments, creates high-value jobs, and strengthens the nation's AI ecosystem through reliable and future-ready energy infrastructure





Have a story to share with us?

Email the editorial team at:  
[etcon.news2026@tnb.com.my](mailto:etcon.news2026@tnb.com.my)

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# LEADERSHIP VOICES

## DATO' Ir. MUHAMAD NAZRI PAZIL

Senior Chief Strategy,  
 Regulatory & Sustainability Officer, TNB



“ The outcomes of ETCon26’s discussions must contribute to enhancing policy and regulatory frameworks that are responsive to industry needs.”



## Ir. MAHATHIR NOR ISMAIL

Senior Chief Network Officer, TNB

“ Our future economic growth, both in Malaysia and across the ASEAN region will increasingly depend on energy systems that are reliable, smart, flexible and future-ready.”

## Ir. Dr. MOHD FADZIL MOHD SIAM

Project Director ETCon26,  
 Chief Strategy & Ventures Officer, TNB



“ We must ensure that the energy transition agenda is implemented in an inclusive and just manner so that its benefits can be enjoyed by the rakyat (people).”

## TNB's Commitment Drives Renewable Energy Growth, Says Fadillah Yusof

Malaysia's energy transition continues to gain momentum, underpinned by the strong commitment of Tenaga Nasional Berhad (TNB) and a broad ecosystem of partners working towards a more sustainable future, Datuk Amar Haji Fadillah Haji Yusof, Deputy Prime Minister said.

In his Energy Transition Conference in 2026 (ETCon26) opening remarks on Wednesday, he said solar energy has emerged as the fastest-growing segment within Malaysia's renewable energy portfolio which also includes small hydro, biomass and biogas.

"With strong commitment from TNB and our wider ecosystem of partners, our country has managed to achieve an installed renewable energy capacity exceeding 13.3 gigawatts as of 2025, with solar accounting for a rapidly growing share," said Fadillah, who is also Minister

of Energy Transition and Water Transformation (PETRA).

This progress is also guided by the National Energy Transition Roadmap (NETR), first introduced at the inaugural ETCon 2023, he said.

"This year, PETRA further launched its 2026-2030 PETRA Strategic Plan to accelerate the country's energy transition and water transformation. The plan is guided by the NETR, and the country's broader goal of achieving net-zero emissions as early as 2050."

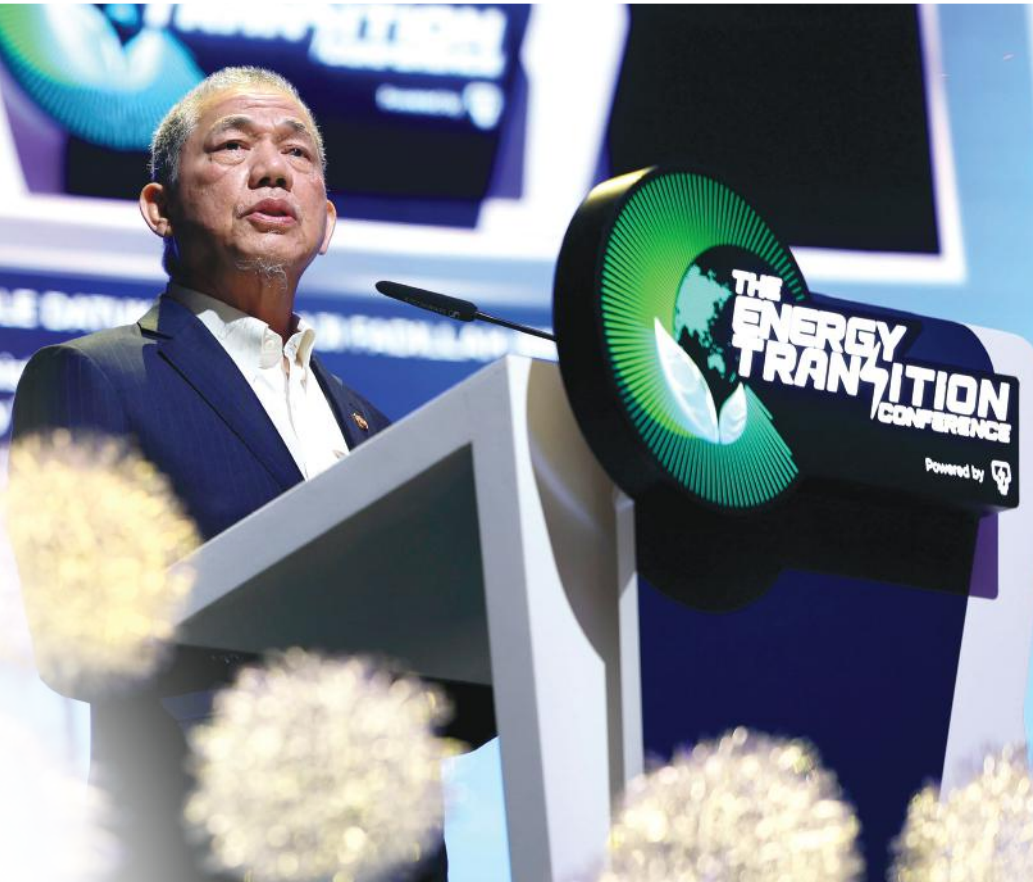
The five-year plan features 119 programmes and initiatives, with 133 measurable targets that prioritise grid upgrades, digitalisation across the energy sector and demand-side management to ensure a more efficient and responsive system.

Besides this, he also emphasised that sustained investment in grid

infrastructure and clean energy, alongside disciplined execution, will be essential to ensure energy security, support economic growth and advance the energy transition.

It is to be noted that Malaysia through TNB is set to invest RM43 billion, or US\$10.8 billion, from 2025 until 2027 to upgrade and strengthen our grid system, including integration of AI elements, as part of our efforts to accelerate renewable energy initiatives and advancing our energy transition aspirations.

"Our policy is to build a more resilient and future-ready system that supports economic growth while advancing our climate commitments which undoubtedly requires an ecosystem where both public and private sectors can collaborate with confidence to accelerate the transition at scale," he said.



## Delegates Insights



### Adequate Power Supply Critical To Support & Expand AI, Says Delegate

Adequate power is a critical component to support and expand artificial intelligence (AI). Without enough power supply, AI servers or AI infrastructure would not function.

These are some of the views shared by delegates attending the second edition of the Energy Transition Conference 2026 (ETCon26). Others call for greater government support to help organisations adopt AI tools for research and development (R&D).

NTT DATA data centre technical architect Zac Pang, opined that greater investment in power generation is crucial to support the rapid expansion of AI. This is in view of technology's growing reliance on power-intensive infrastructure which continues to drive energy demand.

"AI depends a lot on infrastructure and we know that right now AI is the trend. It will create more opportunities and greater skills in terms of energy generation when AI comes in. Power generation should be more heavily invested because, what is the use of AI servers and infrastructure when we don't have enough power supply for them?"

#### Government Must Give More Power To Regions With Higher AI-related Demand

Pang said governments can leverage AI to monitor electricity consumption across data centres. In this way, they can allocate power resources more efficiently to regions with higher AI-related demand.

DayOne resource manager Amirul Ashraf Roslan, said AI is now increasingly embedded in daily life and business operations. Therefore, ensuring sufficient energy capacity is one of the biggest challenges in supporting the technology's expansion.

He said power generation should be the top priority for AI-related investments, as energy supply remains the foundation of data centres and digital infrastructure.

"AI plays a very important role in technology today. We cannot live without AI, and whatever we do in our daily lives revolves around it. We are doing our part by ensuring this infrastructure is ready so that we can leverage AI for the betterment of the country."



**NTT DATA Data Centre  
Technical Architect Zac Pang**

## Crucial To Help Organisations Adopt AI Tools To Accelerate Energy Transition

Artificial Intelligence (AI) is equally important across power generation, grid management and energy consumption because all three areas rely heavily on data, nanoSkunkWorkX Sdn Bhd Scientific and Engineering Consultant Dr. Ricca Rahman Nasaruddin, said

She said to accelerate the energy transition, stronger government support is crucial to help

organisations adopt AI tools for R&D as the access costs remain a challenge for many companies. "We have many AI tools and cloud-based platforms, but the cost for companies can be quite high."

At the very least, if the government allows companies to conduct trials for a year through funding or support mechanisms, it could help them test how AI can improve their work in technology development and R&D," she said.



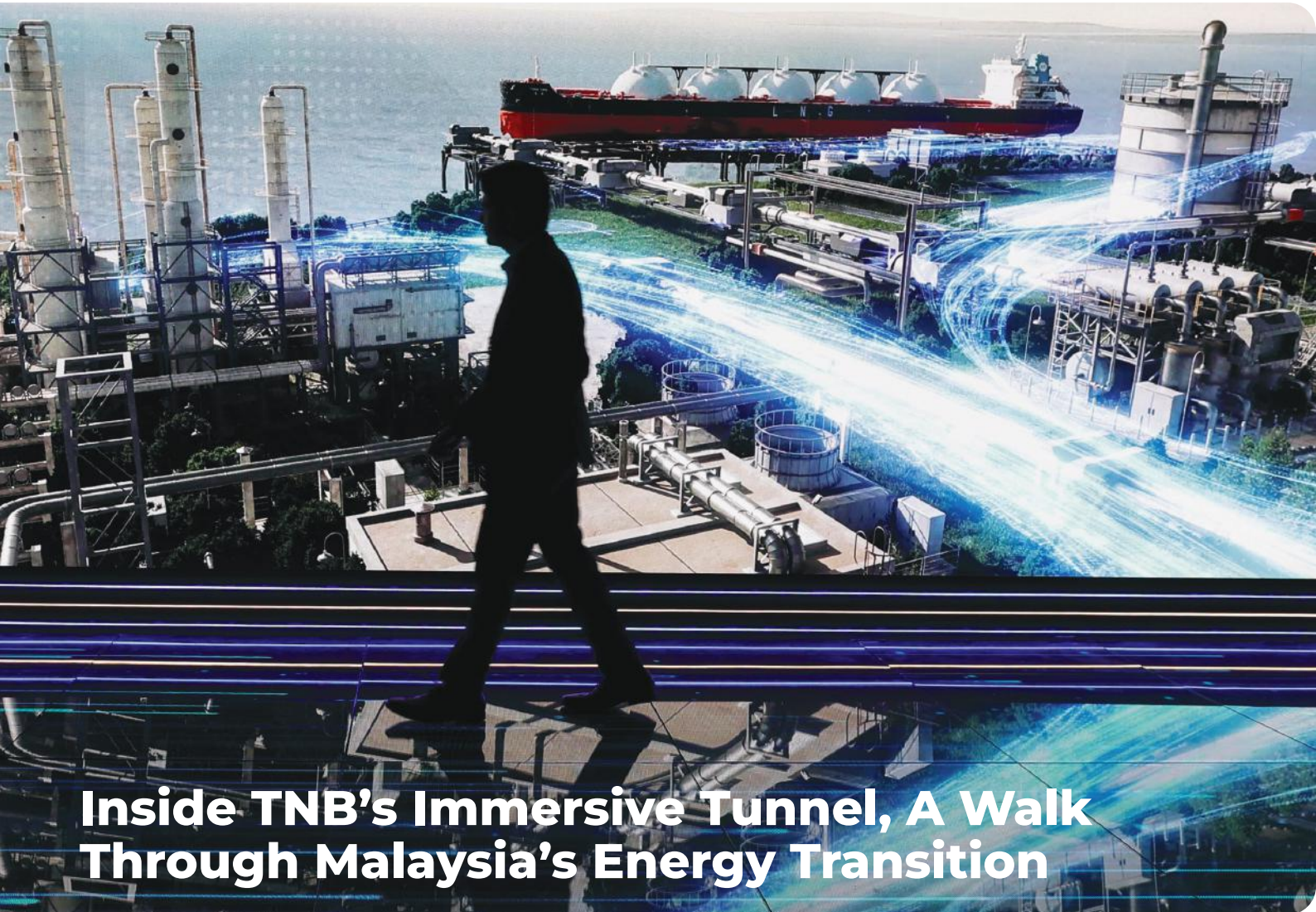
**DayOne Resource Manager  
Amirul Ashraf Roslan**



**nanoSkunkWorkX Sdn. Bhd. Scientific and  
Engineering Consultant Dr. Ricca Rahman  
Nasaruddin**



## Focus Story



# Inside TNB's Immersive Tunnel, A Walk Through Malaysia's Energy Transition

Visitors stepping into Tenaga Nasional Berhad's (TNB) 'immersive tunnel' at the ongoing Energy Transition Conference 2026 (ETCon26) are not merely walking through an exhibition pathway but through an imagery vision of how Malaysia's energy landscape could evolve over the next quarter-century.

Undoubtedly a novel and major attraction, the tunnel lined with interactive digital displays and animated visualisations, transforms complex concepts such as renewable energy, battery storage, hydrogen, carbon capture and even nuclear power into an experience that can be seen, touched and explored.

Instead of static information boards, visitors are greeted by moving graphics, illuminated panels and touch-enabled exhibits that tell the story of the country's journey towards net-zero emissions.

At one end of the tunnel, a sweeping visual timeline charts the anticipated transformation of the energy mix from 2025 to 2050 where the display illustrates how emerging technologies, including hydrogen and nuclear energy could complement existing generation sources as electricity demand continues to rise.

Further along, visitors encounter interactive exhibits showcasing technologies that are expected to play a growing role in the

transition such as Battery Energy Storage Systems (BESS), floating solar installations, hydropower facilities and regional power interconnections which are presented not as technical jargon, but as visual experiences designed to make the future of energy easier to understand.

A particularly eye-catching section focuses on floating solar technology, where digital renderings demonstrate how solar panels can be deployed on existing water bodies, allowing clean energy generation without competing for valuable land resources.

Another area highlights the ASEAN Power Grid (APG) initiative, with an illuminated regional map showing how



electricity could one day flow more seamlessly across borders, connecting countries and enabling greater use of renewable energy resources throughout Southeast Asia.

The tunnel also ventures into technologies that remain subjects of public discussion, including carbon capture, utilisation and storage (CCUS), hydrogen production and nuclear energy.

Through visual storytelling, the exhibits explain how these technologies may contribute to reducing emissions while supporting growing energy needs.

Yet, the attraction is not solely about energy infrastructure.

One of the most popular stations allows visitors to become part of the exhibition itself.

Using an artificial intelligence (AI)-powered photo booth, participants can select futuristic-themed outfits, pose for a photograph and watch as their image is transformed and projected onto a large digital screen.

The personalised image, accompanied by the visitor's name, becomes part of the tunnel's rotating display and can also be downloaded as a keepsake. They can also pledge their sustainability commitment.

Moments later, visitors often find themselves searching for their digital alter ego among

the moving visuals, creating an experience that blends technology, entertainment and education.

As visitors emerge from the tunnel, the experience leaves a clear impression, the energy transition is no longer a distant concept discussed only in boardrooms and policy papers, it becomes something that can be seen, interacted with and imagined at a time.

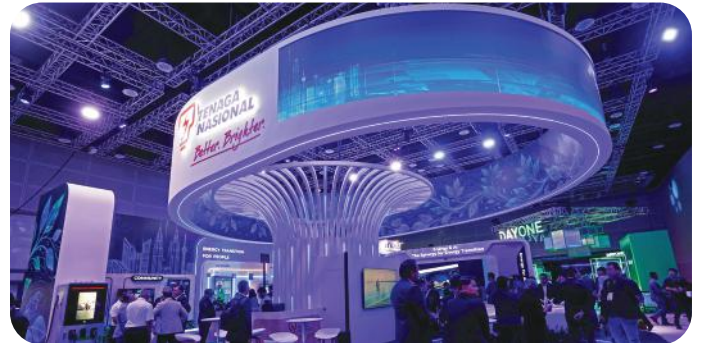
## Gallery



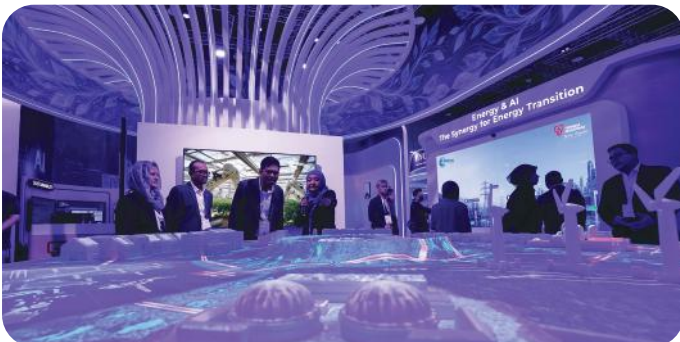
Datuk Amar Haji Fadillah Haji Yusof, Deputy Prime Minister and Minister of Energy Transition and Water Transformation sharing a candid moment with other distinguished guests at ETCon26.



Datuk Ir. Ts. Shamsul Ahmad, TNB President/Chief Executive Officer delivered the welcoming address, setting the tone for ETCon26.



Tenaga Nasional Berhad's booth garnered significant attention as delegates were keen to discuss ideas and learn on Energy Transition and AI Technology.



Distinguished guests arrive at ETCon26, marking the start of strategic dialogue on harnessing the synergy between energy and AI to accelerate the energy transition.



The plenary hall was filled to capacity for the Special Keynote Session entitled: "Malaysia's ET Journey: Opportunities, Readiness and Collaboration."

# The Malaysia Book of Records Award Ceremony

## First Grid-Forming, Grid Connected BESS Project Santong Battery Energy Storage System

3 June 2026 (Wednesday)  
Kuala Lumpur Convention Centre



TNB received the Malaysia Book of Records recognition for the Santong Battery Energy Storage System, Terengganu.



The Cool-Lah Prize-Giving Ceremony honoured outstanding young Malaysians for their innovative ideas and commitment to promoting energy-efficient cooling and sustainable living.



YB Dato' Indera Mohd Shahar Abdullah, Deputy Minister of Economy delivered a special address at ETCon26, sharing insights and challenges shaping the future of the energy transition.



The EPCC Contract exchange for the Hybrid Hydro Floating Solar and BESS project in Santong, Terengganu.



Industry leaders participated in the dialogue session, discussing the future of carbon capture in ASEAN.

# Directory

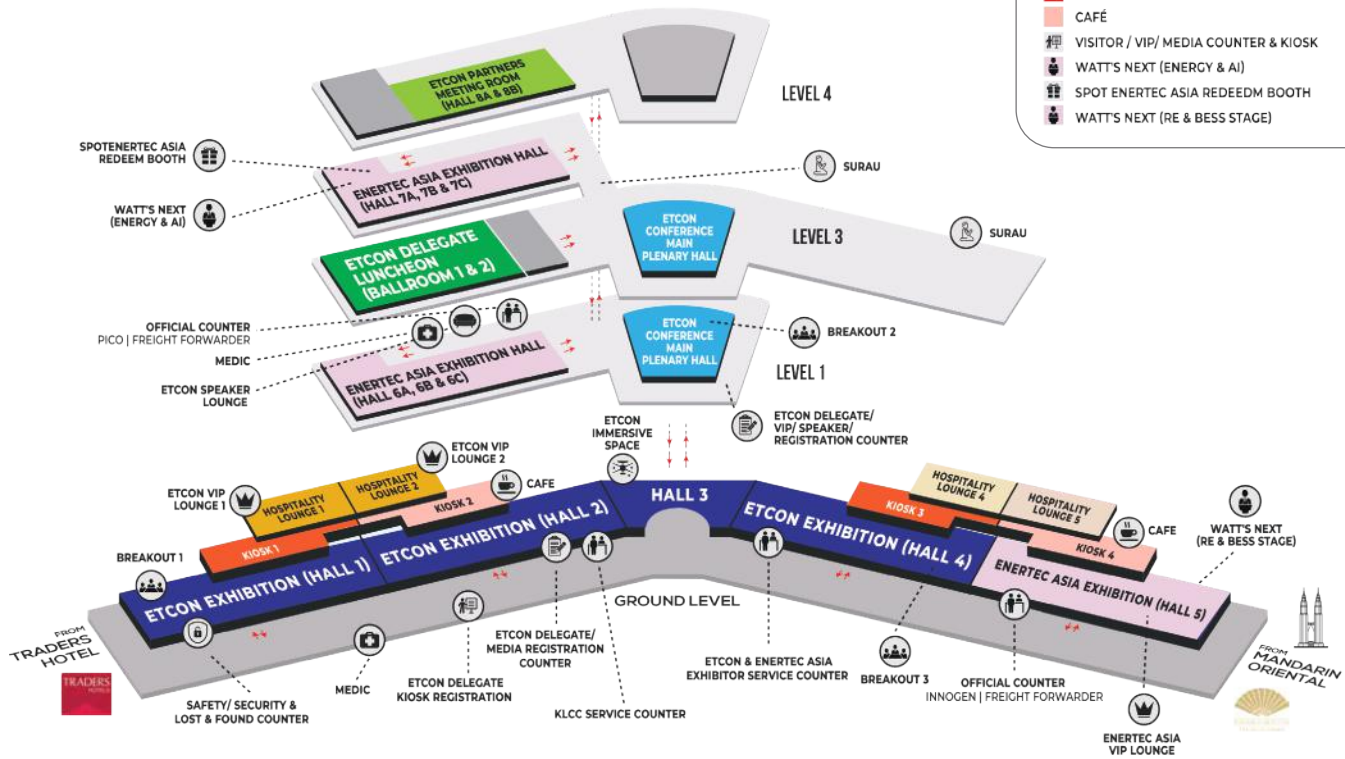
## OVERALL FLOOR PLAN



03-05 JUNE 2026

KUALA LUMPUR CONVENTION CENTRE

- ETCON EXHIBITION HALL
  - CONFERENCE MAIN PLENARY HALL
  - DELEGATE LUNCHEON
  - PARTNERS MEETING ROOM
  - VIP LOUNGE 1 & 2
  - EXHIBITOR SERVICE COUNTER
  - CAFÉ
  - DELEGATE/ MEDIA REGISTRATION COUNTER
  - DELEGATE KIOSK REGISTRATION
  - DELEGATE/ SPEAKER / VIP REGISTRATION COUNTER
  - SPEAKER LOUNGE
  - BREAKOUT 1 (HALL 1) & 3 (HALL 4)
  - SAFETY/ SECURITY & LOST & FOUND COUNTER
  - SURAU (LEVEL 3 CENTRE CORE)
  - ETCON IMMERSIVE SPACE
- 
- ENERtec ASIA 2026
  - EXHIBITION HALL
  - EXHIBITOR SERVICE COUNTER
  - CAFÉ
  - VISITOR / VIP/ MEDIA COUNTER & KIOSK
  - WATT'S NEXT (ENERGY & AI)
  - SPOT ENERTEC ASIA REDEEDM BOOTH
  - WATT'S NEXT (RE & BESS STAGE)



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## ETCON 2026

AI-powered Event Hub

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- Attendees List & Networking Chatroom
- Partners List
- Conference Programme
- Exhibition Halls Floorplan
- AI Assistant