



PRESS RELEASE

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TNB EMBARKS ON UNPRECEDENTED INITIATIVE TO ELECTRIFY OPERATIONAL FLEET FOR A SUSTAINABLE FUTURE

- TNB accelerates its electric fleet, targeting 1,000 EVs by 2030, amplifying its commitment to sustainable mobility
- TNB's EV transition targets significant cost reductions, with expected savings of 35%-86% on maintenance and 25%-70% on energy costs
- TNB emphasises reskilling, infrastructure development, and collaborations to shape a thriving electric vehicle ecosystem

Tenaga Nasional Berhad (TNB), Malaysia's leading energy company, is pioneering a bold step towards a sustainable future by committing to electrify 30% of its operational fleet by 2030 as part of an extensive carbon reduction strategy. This strategic move is in alignment with Malaysia's ambitious goal of achieving carbon neutrality by 2050.

In a significant step towards realising this commitment, TNB is accelerating its transition to electric vehicles (EVs) with the deployment of 98 new units, comprising 78 electric pickup trucks and 20 electric vans. This brings the total number of EVs in the TNB fleet to 127.

TNB President and Chief Executive Officer, Dato' Seri Ir. Baharin Din emphasised, "This effort underscores TNB's commitment to a rapid and responsible energy transition. We aim to replace 30% of our vehicles with EVs by 2030, totalling more than 1,000 units. This substantial commitment significantly contributes to the Malaysian Government's target of having 20% EVs in Total Industry Volume sales by 2030, in line with the National Automotive Policy (NAP) 2020."

Strategically integrating the conversion of its fleet to electric vehicles within the end-of-useful-life replacement process, TNB envisions a positive impact on both the climate and the company's bottom line. "This moves drives us closer to achieving Net Zero 2050 through sustainable practices within our operations. It's a clear priority as we actively contribute to building a robust EV ecosystem."

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The shift to electric vehicles by TNB is projected to result in a yearly reduction of 2,200 to 4,833 tonnes of CO₂, equivalent to approximately 88,000 to 193,320 trees as an offset by 2030.

The economic benefits of TNB's EV adoption initiative are substantial, with anticipated cost savings ranging from 35% to 86% on repair and maintenance, and 25% to 70% lower energy costs compared to conventional fossil fuel vehicles. TNB also anticipates an annual offset of approximately 6% to 12% in fossil fuel expenditure.

Focused initially in Klang Valley and Langkawi, this initiative aligns with the sustainability goals of Kuala Lumpur, Selangor, and Langkawi, supporting their respective visions to become environmentally responsible states and cities.

Highlighting the holistic approach to Energy Transition, Baharin stated, "TNB is not only dedicated to accelerating EV adoption by 2030 but also focuses on reskilling for the EV industry, building charging infrastructure, sponsoring EV-related studies, and fostering coalitions among EV sector players."

TNB's Electric Vehicle (EV) Training Hub, established by TNB ILSAS, offers reskilling for the EV industry, focusing on fundamental knowledge such as basic battery storage and EV technology. The training sessions are certified by international bodies.

To bolster the growing EV ecosystem in Malaysia, TNB plans to expand its EV charging infrastructure with more than 500 charging points in 2025 across the country in support to the National Energy Transition Roadmap (NETR).

This initiative not only aligns with Environment Social and Governance (ESG) principles but also supports the three key pillars of TNB's Energy Transition Plans: accelerating generation decarbonisation, developing a flexible cross-border grid, and empowering cross-sector electrification and prosumers. TNB recognises that achieving a successful and responsible transition to sustainable and decarbonised energy systems requires collaboration and cooperation from various sectors, and therefore, TNB is fully committed to supporting the growth of the EV ecosystem in Malaysia.

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Kindly forward all press inquiries to Hanim Idris 019-2617617 /

Grace Tan 016-6626229 / Faiq Haikal 013-3889606 / Atikah Aqilah 011-10772731

or email: media@tnb.com.my



Leading the Charge: TNB President and CEO, Dato' Seri Ir. Baharin Din, takes the wheel of TNB's electric pickup, joined by Mohammad Anas Ibrahim, Head of Fleet Management at TNB Global Business Solutions (TGBS), symbolizing collaborative efforts towards a sustainable future and the ambitious goal of achieving Net Zero 2050.



TNB's Leadership team, led by Dato' Seri Ir. Baharin Din, TNB President and CEO, proudly poses in front of the new electric fleet, a powerful symbol of TNB's unwavering commitment to electrify 30% of its operational fleet by 2030.