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NMB Welcomes Budget 2026, Reaffirms Commitment to Deep-Tech Innovation and Sustainable Industrial Growth

KUALA LUMPUR, 13 October 2025 – NMB (NanoMalaysia Berhad) welcomes the tabling of Budget 2026, which marks the first federal budget under the 13th Malaysia Plan (13MP) and the fourth under the Madani Economy framework. We commend the government's renewed commitment to balancing fiscal discipline with targeted investments in high-growth, high-value (HGHV) sectors, and support its direction to drive local innovation to power sustainable economic growth, and climate resilience through increased domestic investments.

As the nation's lead agency for nanotechnology commercialisation and industrial development, NMB is strongly aligned with the government's agenda to foster homegrown innovation for technological sovereignty and economic resilience. Budget 2026's emphasis on research, automation, and high-value manufacturing reinforces this direction, strengthening Malaysia's deep-tech ecosystem and advancing Industry 4.0 readiness towards socio-economic growth and environmental sustainability.

NMB's Chief Executive Officer, Dr Rezal Khairi Ahmad, said: "Budget 2026 is a strategic opportunity to catalyse Malaysia's journey from 'Made in Malaysia' toward 'Invented in Malaysia' and 'Exported from Malaysia'. Through locally developed, world-class technologies in energy, hydrogen, and circular-economy based products from Venture Builder based partnerships with the industry and research community, NMB is ready to ramp up production, scale pilot projects, and commercialise deep-tech innovations enabled by green processes that contribute to sustainable growth in key sectors such as semiconductors, clean energy, automotive, agriculture and rare earth to achieve economic and climate resilience."

"We are particularly encouraged by initiatives such as the RM500 million under the National Semiconductor Strategy, the creation of sovereign AI cloud infrastructure, and funding for automation, green technology and local innovation—all of which provide fertile ground for nanotechnology-enabled solutions in energy, food, healthcare, advanced materials, digital systems and sustainable manufacturing. The RM1.2 billion under Dana Pemacu is rightly positioned for energy transition thus compatible with NMB's ambition to establish Malaysia's first battery manufacturing based on local technology to support national security in this sector. It is essential to develop and deploy own tools for sustainable growth"

Budget 2026's push for green growth and energy transition, including incentives under the National Energy Transition Roadmap (NETR) and the introduction of a carbon tax, complements NMB's ongoing work in developing and commercializing graphene-enhanced Battery Energy Storage Systems (BESS) and game changing solid-state hydrogen system innovation. These initiatives directly support Malaysia's renewable energy and clean mobility goals while promoting the use of local technologies developed under NMB's Gigafactory Malaysia initiative and targets set by Hydrogen Economy and Technology Roadmap (HETR).

In agriculture, the government's emphasis on mechanisation, automation, and productivity improvement aligns with NMB's solar-powered aquaponics systems and

NanoBooster soil-conditioning technologies, which integrate Artificial Intelligence powered IoT and drone mapping to enhance yield, efficiency, and sustainability.

NMB also welcomes the government's focus on digital and deep-tech upskilling, which complements its own industry-aligned Technical and Vocational Education and Training (TVET) training programmes in nanotechnology, hydrogen, and energy storage to be rolled out in 2026. Together, these initiatives ensure Malaysia's workforce remains ready to serve the growing HGHV sectors and becoming globally competitive.

In support of the circular economy, Budget 2026's continuation of the NETR and green technology incentives aligns with NMB's development of waste-to-value technologies, such as plasma-mediated bio-methane cracking for green hydrogen, graphene, and green lithium-ion battery recycling. These innovations demonstrate Malaysia's capacity to localise critical supply chains on the road to achieve sustainable industrial growth while reducing environmental impact.

NMB looks forward to working closely with ministries, agencies, investment bodies, and industry partners to transform Budget 2026's vision into real-world impact, strengthening Malaysia's position as a regional leader in deep technology and sustainable industrial development powered by nanotechnology.

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