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TNB reinforces green agenda, to plant 25,000 mangrove trees

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MANJUNG: Tenaga Nasional Bhd (TNB) has reinforced its commitment to environmental, social and governance (ESG) principles and Malaysia's Net Zero 2050 target by launching a programme to plant 25,000 mangrove trees at the Tanjung Burung Mangrove Forest in Pantai Remis, Perak.

TNB president/CEO Datuk Shamsul Ahmad (*pic*) said the programme, undertaken under the My Brighter Green Initiative (MBGI), aims not only to restore mangrove ecosystems but also to raise awareness of coastal conservation, biodiversity and community participation in sustainability efforts.

"Planting mangroves increases carbon sequestration, reduces coastal erosion and restores ecosystems that serve as habitats for species such as fish and crabs.

"It is also particularly important as several TNB power stations, including the Sultan Azlan Shah Power Station (Janamanjung), are located along the

coast, where healthy mangrove forests help protect shorelines from erosion," he told Bernama during the MBGI 2026 programme recently.

Present were Perak Forestry Department deputy director (development) Azni Rahman A. Wahid, Malaysian Nature Society executive director I. S. Shanmugaraj and TNB chief sustainability officer Leo Pui Yong.

Around 70 students and teachers from Sekolah Menengah Agama Rakyat Tarbiyyatul Ajjal, Sekolah Menengah Kebangsaan Dato Idris, Sekolah Jenis Kebangsaan (Cina) Tit Bin and Sekolah Jenis Kebangsaan (Tamil) Pengkalan Baru joined TNB employees, local communities, government agencies and other stakeholders in the mangrove tree-planting exercise.

Shamsul said MBGI's distinguishing feature is its strong community involvement, bringing together students, local communities, government agencies and the state



government to foster greater environmental awareness among younger generations.

"We want young people to appreciate the importance of protecting the environment from an early age because they will carry this

sustainability agenda forward.

"As the nation's leading energy utility, TNB wants to be recognised not only as an electricity provider but also as an organisation committed to ESG, human capital development, corporate social responsibility (CSR) and community engagement," he said.

Besides Pantai Remis, MBGI 2026 is being carried out at five other locations: Kubang Badak in Langkawi, Tanjung Tuan in Malacca, Jimah in Negeri Sembilan, Nibong Tebal in Penang and Universiti Tenaga Nasional (UNITEN) in Selangor.

Through MBGI 2026, TNB will plant 40,000 trees across six sites, expected to absorb approximately 67 tonnes of carbon dioxide equivalent (tCO₂e) annually, comparable to the emissions from a petrol-powered car travelling about 249,100 km.

Between 2017 and 2025, TNB planted nearly 200,000 trees nationwide, with the potential to absorb around 3,400 tCO₂e annually,

equivalent to the yearly electricity consumption of almost 650 households.

Meanwhile, Azni Rahman described MBGI 2026 as one of the corporate sector's most significant contributions to mangrove conservation, national greening efforts and climate change mitigation.

He said the initiative complements the Greening Malaysia Campaign 2.0 under the Forest Landscape Restoration programme, which continues this year after the government achieved its target of planting 100 million trees under the 12th Malaysia Plan.

"Tenaga Nasional's support has been invaluable.

"Corporate participation strengthens the government's environmental conservation and biodiversity efforts, and TNB has consistently been one of the Perak Forestry Department's strategic partners in carrying out conservation projects each year," he noted.