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M'sia eyes nuclear tech for cleaner, sustainable future

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BANGI: The Nuklear Malaysia Vision 2030 (WNM 2030) is being strengthened through the implementation of strategic policies guided by the principles of professionalism, innovation, and social responsibility, said Malaysian Nuclear Agency (Nuklear Malaysia) Director-General Dr Muhammad Rawi Mohamed Zin.

He said that as the country's lead agency for nuclear technology, it is committed to ensuring that every measure outlined in the vision, along with nuclear technology development initiatives, aligns with national science and technology policies, including those specific to nuclear technology, so that they can be implemented, refined, and transformed comprehensively in the short and long term.

"All the efforts and creativity of Nuklear Malaysia personnel will be harnessed towards realising the goals outlined in the vision. The strength of our shared values, encapsulated in the acronym N.U.C.L.E.A.R., guided by the motto 'Nuklear Untuk Rakyat' (Nuclear for the People), Insya-Allah will lead us to success," he told Bernama recently.

The letter N stands for Novelty, U for Ubiquitous, C for Commitment, I for Leadership, E for Empathy, A for Attitude, and R for Respect.

For the record, Nuklear Malaysia has more than 300 researchers with specialised expertise across various cross-disciplinary fields related to science and engineering, including nuclear reactors.

The WNM 2030 is a strategic blueprint that outlines Nuklear Malaysia's long-term vision and provides a clear, unified direction for all its activities moving forward.

The document details the strategic pillars, initiatives, key activities, performance indicators, and targets for the 2021-2030 period, while also supporting the National Nuclear Technology Policy 2030 (DTNN), launched in 2023.

When asked about Malaysia's nuclear energy potential, Muhammad Rawi said the country is once again assessing the viability of nuclear power as part of its national energy source, noting that nuclear energy plays a distinct and vital role in the energy transition, not only in Malaysia but globally.

"This forms part of a long-term strategy to diversify towards cleaner and more sustainable energy sources. For now, we remain dependent on fossil fuels, which contribute heavily to carbon emissions. – Bernama