

LETTER FROM CHIEF EDITOR

Navigating a New Energy Era

The world's energy supply is under a lot of pressure right now. What started as a local fight in the Middle East has turned into a major problem for the whole world's economy. Recent attacks on shipping routes and oil facilities in the Gulf have caused the biggest drop in oil and gas supplies ever recorded.

In response to these challenges, we are witnessing a global "nuclear renaissance." Neighbours like Vietnam and the Philippines are reintroducing nuclear energy into their national plans to power growing economies and AI-driven data centres. The rise of Small Modular Reactors (SMRs) has changed conversation, offering scalable, safer, and more flexible baseload power compared to traditional large-scale plants. As of the Nuclear Energy Summit 2026 in Paris, 38 countries have now endorsed the declaration to triple nuclear energy capacity by 2050, recognizing it as a vital pillar of energy security and net-zero goals.

For a country like Malaysia, these global problems are a wake-up call. We can no longer ignore the risk of relying too much on fuel from other countries. Under the 13th Malaysia Plan (RMK13), the government has officially identified nuclear energy as a potential long-term, low-carbon baseload source. MyPOWER Corporation has been tasked as the Nuclear Energy Programme Implementing Organisation (NEPIO) to conduct comprehensive feasibility studies, ensuring that any future steps align with the highest international safety standards and the nation vision of sustainability.

As the world moves toward a more fragmented and uncertain energy future, the role of nuclear science and technology becomes more relevant than ever.

“CLEAN, GREEN, SUSTAIN”



Natural landscapes of Andalusia, Spain, including El Tajo Gorge in Ronda and the Zahara–El Gastor Reservoir.