



VISION

An authoritative body of international standing that regulates engineering practice

MISSION

Regulate engineering services, conforming to professional ethics and international best practices, in ensuring public safety

TAGLINE

Committed to Engineering Excellence

EXECUTIVE SUMMARY

The Second Strategic Plan marks the next chapter in the Board of Engineers Malaysia's (BEM) journey to strengthen the engineering profession and protect the public. This plan builds on the achievements of the First Strategic Plan, completed in 2025, and sets a clear direction for the future of engineering in Malaysia.

The plan was shaped during a strategic workshop held in Pulau Carey, where Board members came together to review BEM's Vision and Mission, reflect on lessons learned, and look ahead to the challenges and opportunities facing the profession. This collaborative process ensured that the plan is forward-looking, practical, and aligned with national priorities and global developments.

Under the Registration of Engineers Act 1967, BEM is responsible for ensuring that engineering services are carried out only by qualified and competent persons, in order to protect public safety, health, and interest. At the same time, BEM promotes continuous learning so that engineers, engineering technologists and inspectors of works can keep pace with new technologies, industry needs, and international best practices.

The Strategic Plan is guided by four key trusts—Talent, Governance, Recognition, and Innovation, which together aim to strengthen the engineering profession and safeguard the public. These trusts focus on building a strong and sustainable national engineering talent ecosystem that supports Malaysia's industries and fosters innovation; strengthening regulation and enforcement to address unregistered practice while enhancing BEM's role in national policy and decision-making; raising the profile and recognition of the engineering profession at both national and international levels; and preparing engineering talents for the future through technological readiness, industry alignment, and innovative engineering practices.

Key outcomes of the Strategic Plan include the establishment of a National Engineering Talent System (MyTalentEngineering) to support talent development and retention, a clear and effective system to address unregistered engineering practice, and stronger representation of BEM at national and international platforms. The plan also delivers on-demand foresight studies to anticipate future skills and workforce needs, a national engineering education blueprint aligned with industry and technology trends, and the adoption of engineering innovation models to support sustainable and future-ready development.

Through this Strategic Plan, BEM seeks to safeguard the public, empower the engineering profession, and strengthen Malaysia's engineering future, ensuring the profession continues to make meaningful contributions to national development and global competitiveness. In doing so, BEM reinforces its role as a trusted regulator, talent enabler, and catalyst for innovation, fostering a resilient, future-ready engineering profession aligned with Malaysia's long-term development goals.



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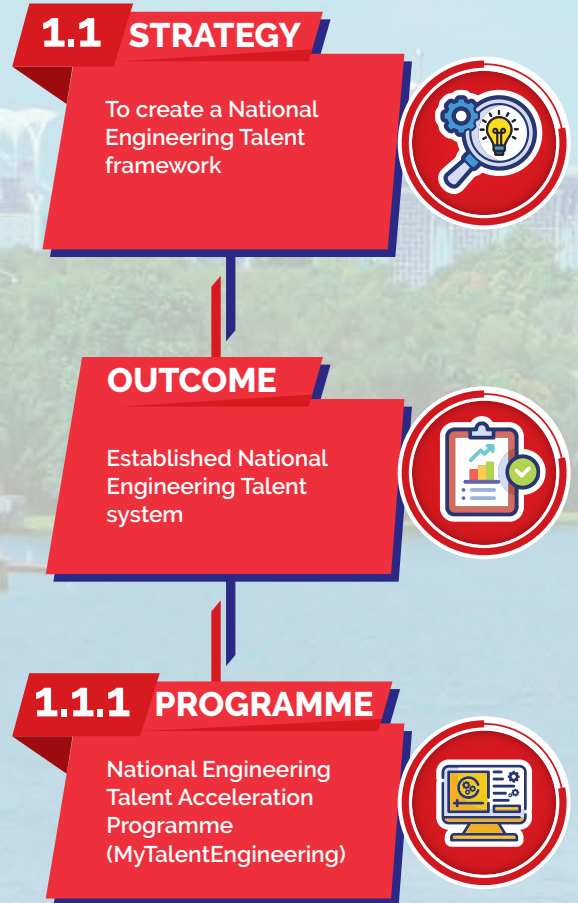
BOARD OF ENGINEERS MALAYSIA STRATEGIC PLAN

2026 >> 2030

THRUST
1

TALENT
TALENT DEVELOPMENT &
RETENTION

Talent development and retention focus on establishing a structured and sustainable national engineering talent ecosystem that supports Malaysia's national industrial aspirations, fosters innovation, and promotes mobility.



THRUST
2

GOVERNANCE
REGULATORY EMPOWERMENT &
ENFORCEMENT

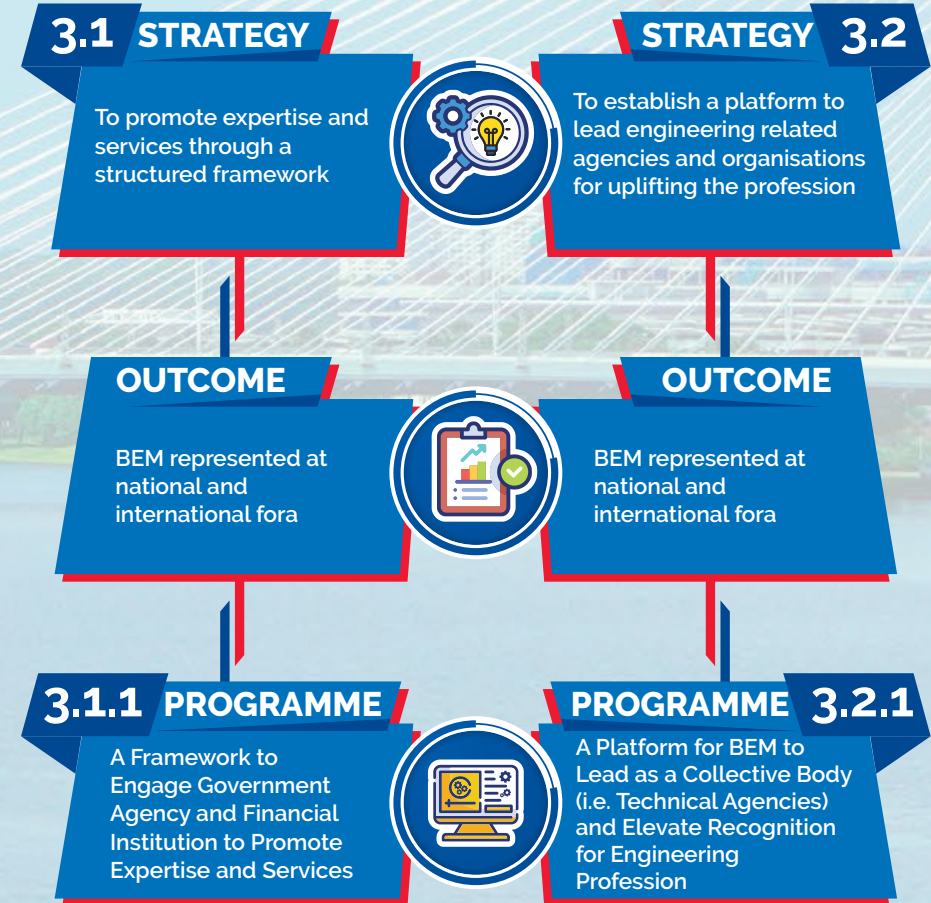
Regulatory empowerment and enforcement focus on strengthening regulatory effectiveness through enhanced legal authority, clarified jurisdiction, and robust enforcement actions, and simultaneously elevating regulatory influence through strengthened national policy advocacy and strategic engagement initiatives.



THRUST
3

RECOGNITION
BRANDING &
RECOGNITION

Branding and recognition focus on strengthening the visibility and stature of the engineering profession through a structured framework that promotes expertise, professional services, and recognition, positioning the profession more prominently at both national and global levels.



THRUST
4

INNOVATION
TRANSFORMING ENGINEERING FOR
TECHNOLOGICAL READINESS

Transforming engineering for technological readiness focuses on advancing Malaysia's engineering landscape by developing a future-ready, innovative, and industry-aligned ecosystem ensuring the profession remains responsive to technological change and industry needs.

