Appendix

HKIE's Key Views on the 2025 Policy Address

Innovation, New Industrialisation, and Key Emerging Sectors

- Commission a comprehensive manpower study to align Hong Kong's talent pipeline with the demands of new industrialisation
- Provide explicit endorsement and policy support to the HKIE's efforts in expanding mutual recognition agreements with counterparts in the Mainland and overseas
- Grant new industrialisation projects that engage Registered Professional Engineers (RPEs) additional benefits, such as tax incentives or allowances
- Use the Northern Metropolis as a testbed for advanced I&T infrastructure, such as 5G, future 6G, Wi-Fi 6, and fibre-to-the-home (FTTH)
- Ensure a flexible regulatory framework for Low Altitude Economy for adaptability to rapid technological advancements
- Explore the development of an aviation industrial park that hosts aircraft maintenance and testing services and facilities, strengthening Hong Kong's role as an international aviation hub

Talent Development for Hong Kong's Engineering Future

- Increase targeted funding for local companies, research institutes, and universities to support retention programmes for high-value talents that meet defined strategic criteria
- Nurturing home-grown expertise by extending programmes similar to the Construction Industry Council's support for young engineers to more engineering disciplines
- Offer support and resources to the HKIE for launching a mentorship scheme that aims to leverage members' industry-specific knowledge and technical expertise to support mainland enterprises and practitioners in navigating international markets

Reforming Education and Professional Development

- Review university admission weightings to better recognise STEAM disciplines and enhance junior secondary school curriculum to highlight the societal impact and prospects of engineering careers
- Prioritise the development of a multi-tiered engineering workforce

Advancing Construction Innovation and Regulatory Efficiency

- Further promote the use of Modular Integrated Mechanical, Electrical, and Plumbing (MiMEP) system–such as in public housing–and develop customised Codes of Practice to ensure safety and quality consistency
- Leverage Guangdong's manufacturing scale and Hong Kong's certification standards in jointly designing and certifying standardised modules for local and export markets, promoting regional economy

- Establish a one-stop digital platform for Building Information Modelling (BIM) plan reviews, offer pre-submission consultations, and encourage bureau and departments to act as “facilitators”
- Increase efforts in informing industry practitioners about the Construction Industry Security of Payment Ordinance

Smart, Sustainable, and Resilient Infrastructure and Urban Planning

- Install 7kW medium-speed chargers at public parking metres and quick-charging facilities for electric public light buses at newly constructed public transport interchanges, and encourages private sector to set up fast-charging stations on commercial properties, establishing a diverse network of charging options
- Promote “Active mobility”, “Micro-mobility solution”, and “Mobility on-demand services” to reduce congestion and promote a greener and efficient urban environment
- Explore implementing Electronic Road Pricing to encourage the public to use public transportation
- Explore innovative heat recovery systems that can transform waste heat generated by computation at data centres and telecommunications infrastructures into usable energy, enhancing energy efficiency
- Invest in a smart energy grid that integrates renewable energy and advanced storage, and consumption monitoring technologies to optimise energy distribution and minimise environmental impact
- Integrate resilient design principles into infrastructures by promoting innovative engineering solutions
- Promote the use of sustainable construction materials, such as engineered timber and ultra-high strength steel, and develop relevant design/regulatory guidelines