

CHAIRMAN'S MESSAGE 主席的話

The year 2025 marks a significant milestone for ASTRI as we celebrate 25 years of driving innovation and technology excellence. Over the past quarter-century, the Innovation and Technology (I&T) sector has evolved from an emerging field into a cornerstone of economic growth and societal advancement. Today, I&T leads the way in addressing critical global challenges, including climate change, societal progress, sustainable development and economic growth.

2025年為應科院迎來25週年的重要時刻，成為香港創新及科技卓越發展歷程中新的里程碑。回顧過去四分之一世紀，創科產業已從昔日的新興領域，演變為推動經濟發展及社會進步的重要基石。時至今日，創科更肩負重任，在應對氣候變化、促進社會進步和可持續發展，以及拉動經濟增長等重大全球議題上發揮領導作用。

Ir Prof Sunny Lee
BBS, JP

李惠光教授工程師
銅紫荊星章，太平紳士

Board Chairman 董事局主席





As one of the technical partners of the Low-altitude Economy (LAE) Regulatory Sandbox project, Ir Prof Sunny Lee (third from right, back row), Board Chairman of ASTRI attended the launch ceremony and took photo with the officiating guests, including the Hon John Lee, Chief Executive of the Hong Kong Special Administrative Region and Ms Mable Chan, Secretary for Transport and Logistics of the HKSAR Government.

應科院是低空經濟「監管沙盒」試點項目的支持單位之一。應科院董事局主席李惠光教授工程師（後排右三）出席啟動禮，並與主禮嘉賓香港特別行政區行政長官李家超先生、香港特區政府運輸及物流局局長陳美寶女士及一眾嘉賓合照。

Since its establishment in 2000, ASTRI has played an instrumental role in positioning Hong Kong as a leading I&T hub in the region. Aligned with the strategic priorities of the Central Government and the HKSAR Government, we have leveraged policy support and industry partnerships to advance our mission. More than merely a research institute, ASTRI serves as a super-connector and value-adder for innovation and technology. It plays a key role in “bringing in” and “go global” by attracting I&T talent and investment, while promoting homegrown technologies to the international market. This transforms R&D outcomes into real-world application, delivering tangible economic and societal value.

自2000年成立以來，應科院在推動香港成為區內領先的創新科技中心方面發揮了重要作用。我們配合中央政府及香港特區政府的創科策略重點，充份把握政策支持，並與業界攜手合作，切實踐行使命。應科院不僅是一家科研機構，更是創新科技的超級聯繫人和增值者，發揮「引進來、走出去」作用，吸引創科人才和資金，並推廣區內科技至國際市場，讓科研成果落地應用，為經濟及社會帶來實質效益。

Delivering Measurable Impact 締造實質影響

ASTRI's achievements in 2024/25 reflect the strength of our strategic execution. New project initiations grew by 23%, significantly expanding our innovation footprint across industries. Robust growth in industry engagement and commercialisation revenues further underscores the strong demand for our solutions in the market. These metrics highlight our ability to translate research excellence into impactful, market-ready technologies that drive economic value.

Through close collaboration with government departments and public organisations, we have delivered transformative solutions across sectors such as smart mobility, transportation, FinTech, construction, healthcare and more.

應科院於2024/25年取得豐碩成果，充份展現我們的科研實力。我們新開展的項目增加23%，大幅拓展創新足跡至不同行業領域。業界及商業化收入顯著增長，進一步印證市場對我們的解決方案需求殷切，彰顯我們具備能力把卓越科研成果轉化為具影響力、可落地應用的技術，從而推動經濟價值增長。

我們亦與政府部門及公營機構緊密合作，提供智慧出行、建築安全及醫療健康等多個領域的革新解決方案。



The CAV Tech Forum brought together over 300 industry professionals.逾300名業界代表參與網聯自動駕駛汽車技術論壇。



Ir Prof Sunny Lee (second left), Board Chairman of ASTRI, alongside Dr Ying Huang (right), Chief Technology Officer of ASTRI, and Ir Chris Chong (left), Chief Operating Officer of ASTRI, presented our LAE technologies to Mr Chan Kwok Ki (second right), Chief Secretary of the HKSAR Government at the Exhibition of Guangdong-Hong Kong Technology Cooperation Achievements.

應科院董事局主席李惠光教授工程師（左二）聯同應科院首席科技官黃瑩博士（右）及首席營運官莊偉泉工程師（左），於粵港科技合作成果展上向香港特區政府政務司司長陳國基先生（右二）介紹應科院的低空經濟技術。



ASTRI exhibited a range of innovative technologies at the Hong Kong Tech Pavilion at Mobile World Congress in Barcelona, Spain. 應科院於西班牙巴塞羅那參與世界流動通訊大會，並於「香港科技館」展出各項嶄新科技解決方案。

Global Recognition and Strategic Expansion 全球認可與策略拓展

ASTRI's innovation leadership continues to earn global recognition. In 2024, we were ranked 42nd globally in intellectual property filings among non-profit R&D institutions by the National Academy of Inventors (NAI) in the US. We remain the only Hong Kong-based entity within this prestigious category. Our achievements also include receiving 52 local and international awards, further affirming the quality and impact of our research.

Strategic expansion has been key to our sustained growth. This year, we launched our fourth technology alliance, focusing on construction and property technology, which has fostered cross-sector collaboration and accelerated commercialisation pathways. The establishment of our Beijing Centre for Technology Transfer and Commercialisation has further strengthened innovation exchange between Beijing and Hong Kong, enabling laboratory breakthroughs to be transformed into market-ready solutions.

Our strategic partnerships spanning Hong Kong, Chinese Mainland, and international markets such as Korea, Malaysia, France and Spain, ASTRI continues to bring homegrown technologies to the global stage, demonstrating our capacity to deliver impactful innovation on an international scale.

Contributing to 15th Five-Year Plan 為「十五五」規劃作出貢獻

Aligned with the 14th Five-Year Plan and positioned to play a crucial role in the forthcoming 15th Five-Year Plan, ASTRI is deeply committed to advancing national priorities that will shape China's innovation-driven future. Central among these is the development of New Quality Productive Forces – emphasising breakthrough innovations, strategic emerging industries, and advanced technology integration to drive high-quality economic development.

By concentrating our applied research on artificial intelligence, advanced communications, integrated circuits, intelligent manufacturing, and health technologies, we accelerate the transformation of scientific discoveries into productive applications, reducing time from laboratory to market and enhancing China's technological self-reliance in strategic sectors.

應科院的創新領導地位廣獲國際肯定。2024年於美國國家發明家學院(NAI)的非牟利研發機構知識產權申請排名中，穩居全球第42位，更是唯一入選的香港機構。年內更榮膺52項本地及國際獎項，足證科研質量與影響力。

策略拓展是應科院持續發展的關鍵。我們在本年度成立了第四個科技聯盟，主力推動建築和房地產科技的跨界合作及加快商業化進程。另外，我們成立了北京成果轉化中心，進一步加強京港兩地的創新交流，推動突破性技術轉化為市場可用的解決方案。

我們建立的策略夥伴合作關係橫跨香港、中國內地，以及韓國、馬來西亞、法國及西班牙等國際市場，不斷把自主研發技術推廣至全球舞台，展現在國際層面推動具影響力創新技術的實力。

應科院深入配合「十四五」規劃，並準備在將至的「十五五」規劃中擔當關鍵角色，全力推進國家創新驅動的優先議程。核心任務在於發展「新質生產力」，強調突破性創新、戰略性新興產業與先進技術融合，以驅動高質量經濟發展。

透過聚焦人工智能、先進通訊、集成電路、智能製造及健康科技的應用研究，我們加速創新科技轉化為生產力，縮短實驗室至市場週期，並增強國家在戰略產業的技術自主能力。

Investing in Talent and Sustainability 人才培育與可持續發展

Our commitment to nurturing the next generation of I&T talent remains unwavering. Through expanded collaborations with leading universities under our Work-Study Programme, we empower our staff to remain at the cutting edge of technological advancement while applying academic theories in practice.

In addition, ASTRI's comprehensive ESG initiatives reflect our dedication to sustainability and responsible growth. By enhancing energy efficiency, promoting employee wellbeing, and upholding corporate governance excellence, we continue to position ourselves as a forward-thinking and socially responsible institution.

Embracing Transformation 擁抱轉型

Looking ahead, the proposed merger with Nano and Advanced Materials Institute (NAMI), announced by the HKSAR Government in November 2024, marks a transformative chapter for ASTRI. This integration will create synergies that enhance our research capabilities, expand our technology portfolio, and strengthen our position as the region's premier applied research institution.

Together, we will be better equipped to capture emerging opportunities in the Greater Bay Area and beyond, accelerating innovation cycles and delivering greater value to our stakeholders.

Vision for the Future 未來願景

ASTRI's achievements are a testament to the dedication of our talented team, the steadfast support of the HKSAR Government, and the trust of our industry partners. As we embark on the next phase of our journey, we remain committed to leveraging technology as a catalyst for inclusivity, better living, and sustainable development.

Building upon the solid foundation of the past 25 years, ASTRI is ready to play an even more pivotal role in shaping Hong Kong's innovation-driven future, contributing to Hong Kong and our country's development in New Quality Productive Forces.

我們致力培育新一代創科人才，透過「兼讀博士生工作計劃」與各大知名院校深度合作，讓團隊掌握最新尖端技術，同時靈活將學術理論靈活應用於工作實務，保持創新優勢。

此外，應科院加快推行ESG措施，展現對可持續發展及「負責任增長」的決心。我們致力提升能源效益、關注員工福祉，並堅守卓越企業管治，繼續擔當具備前瞻思維及肩負社會責任的業界典範。

展望未來，香港特區政府於2024年11月宣佈計劃合併應科院與納米及先進材料研發院，這將為應科院譜寫轉型新篇章。是次整合將發揮協同效益、提升科研實力、擴大技術領域，並鞏固應科院作為區內領先應用科研機構的地位。

未來，讓我們攜手前行，把握大灣區及全國的發展新機遇，加速創新步伐，為持份者創造更多價值。

應科院的成就有賴優秀團隊的努力付出、香港特區政府的堅定支持以及業界合作夥伴的信任。在邁向下一個新階段之際，我們將繼續以科技作為促進共融、構建美好生活及推動可持續發展的原動力。

憑藉過去25年的穩固根基，應科院未來將在驅動香港創新發展的道路上扮演更重要的角色，為香港及國家發展新質生產力作出貢獻。



Ir Prof Sunny Lee (third from left), Board Chairman of ASTRI attended the 2024 China International Fair for Trade in Services and officiated the plaque unveiling ceremony of the ASTRI - Beijing Centre for Technology Transfer and Commercialisation. 應科院董事局主席李惠光教授工程師（左三）出席「2024年中國國際服務貿易交易會」並為「應科院-北京成果转化中心」揭牌儀式主禮。



ASTRI participated at The GBA (Shenzhen) iForum cum Dinner 2025 and showcased a range of LAE technologies. 應科院參與大灣區（深圳）工商界高峰論壇及交流會2025，並展出嶄新低空經濟科技。