

Annex – HKUST-SINO One Million Dollar Entrepreneurship Competition 2025 – Awardee List

Awardee*	Project Description
Stellerus Technology Limited Platinum Award (Champion) – HKUST Track Sustainability Impact Award	Feilian Constellation, developed by Stellerus Technology Limited, leverage a proprietary dataset to drive the development of high-resolution weather and climate intelligence with Climate-as-a-Service fashion and empowers climate resilient solutions across industry verticals, including renewable energy forecasting, and energy trading, hazard mitigation and risk assessment, and low-altitude economy. For example, they provide the most accurate renewable energy predictions to tackle the USD 100 billion market that excels in both data autonomy and algorithm effectiveness.
SmartPath Gold Award (First Runner-up) - HKUST Track	SmartPath is a full-stack digital pathology solution powered by a large-scale pathology model. It covers the entire cancer care cycle, improves diagnostic efficiency and accuracy, proactively alerts prognostic risks, quickly generates pathology reports, and empowers the evolution of smart healthcare.
Lulusmiles Silver Award (Second Runner-up) - HKUST Track	AI-powered Tele-orthodontics for all. Leveraging SMARTLAB's cutting-edge AI, we aim to reduce treatment time and cost, boost clinical efficiency and productivity, and extend care to remote, underserved population and overseas via AI images reconstruction for patient's data acquisition and treatment monitoring - delivering safe, affordable, smart-supervised, AI-designed dental aligner care.
Envirovex (United Kingdom) Platinum Award (Champion) - International Student Track	Envirovex is pioneering a plug-and-play bioreactor that eliminates antibiotic waste at the source while recovering valuable by-products. Their solution safeguards water resources, protects ecosystems, and preserves the effectiveness of life-saving drugs. For wastewater treatment plants, it reduces long-term costs, ensures regulatory compliance, and unlocks new revenue streams, supporting WHO's fight against antimicrobial resistance.
MaternaSense (United States) Gold Award (First Runner-up) - International Student Track	MaternaSense is a small, non-invasive sweat patch that tracks hormonal changes with novel lab-on-a-chip technology paired to a telehealth monitoring app, assisting physicians in the early detection of hormone-related pregnancy complications for pre- and postpartum care.
BACKEER (Kazakhstan) Silver Award (Second Runner-up) - International Student Track	The project introduces a fiber-optic biosensor method for breast cancer biomarker detection, designed to support healthcare professionals in achieving earlier and more accurate diagnosis. By integrating photonic technologies with biochemistry, the biosensor identifies the CD44 biomarker with high sensitivity and specificity, enabling improved cancer monitoring and therapy assessment while enhancing efficiency and reliability in clinical diagnostics.
Z-Omics Limited GF Innovation Award	Z-Omics empowers academic and pharmaceutical researchers with a proprietary platform to address cell heterogeneity. With

	single-cell technology revealing differences and interactions among cells, and microfluidics simplifying experimental processes and scaling up reactions, this high-resolution solution accelerates biomarker discovery, therapeutic target identification, and personalized medicine, enabling high-throughput high-content screening for scientific and pharmaceutical breakthroughs.
LoonGaN Technology Sustainability Impact Award	GaN based power devices are expected to replace conventional Si-based ones, as they are emerging as one of the most promising candidates for energy-efficient power systems toward achieving a sustainable ecosystem. We focus on developing vertical GaN power devices for high-power applications.
ReGen Technology Sustainability Impact Award	ReGen develops solar desalination devices that convert ocean water into nutrient-enriched fresh water. Supporting farmers, landowners, and governments, this innovative solution addresses soil degradation, water scarcity, global warming, ESG focused irrigation and agriculture as well nature restoration projects. The devices are “smart” and affordable generating carbon credits and valuable by-products for industrial use. Under the slogan “nature's way, enhanced by technology” Regen takes the position as a holistic sustainability partner for agriculture and climate action.
AIVOICE LIMITED HKUST Student Team Award	AIVOICE revolutionizes video localization by using advanced AI to translate content while cloning the original speaker's voice. This unique approach preserves the authentic tone and emotion across 26+ languages, delivering broadcast-quality dubbing at a fraction of the traditional cost and time. We empower creators to effortlessly break down language barriers and connect with a global audience without compromising on quality or immersion.
Building Facade Photovoltaic Installation Robot HKUST Student Team Award	The Universal Aerial Work Robot Module is an intelligent solution designed for diverse industries such as construction, façade maintenance, and photovoltaic installation. Featuring a foldable modular structure, it can be deployed by a single worker within ten minutes. Equipped with dual laser and vision sensing, the robot achieves millimeter-level precision and autonomous path planning. Compared with manual operations, it delivers over four times higher efficiency while completely eliminating fall risks, meeting both domestic and international safety standards. In alignment with China's “mechanization replacement and intelligent upgrade” policy, the module not only reduces labor costs but also enhances operational safety and efficiency, driving the industry toward smarter and more sustainable development.
Universpirit Innovation Limited HKUST Student Team Award	Universpirit Innovation is committed to the vision of “Flight for All,” specializing in scalable fixed-wing aviation platforms. By integrating modular structures with open programming interfaces, our systems support maker development, model aircraft innovation, and low-altitude application prototyping. To date, we have served over 16,000 users. Combining

	performance, flexibility, and creativity, our platform empowers developers and enthusiasts alike to explore new frontiers in flight technology.
AI-Vision Opto-Electronics Limited Best Video Award	AI-Vision Opto-Electronics Limited introduces a perovskite-based multispectral visual sensor that combines ultra-high quantum efficiency with exceptional resolution. Through perovskite's tunable bandgap, advanced silicon integration and scalable patterning techniques, it reduces cost and device complexity, unlocking transformative applications in autonomous driving, robotics and medical imaging.
LAMPray Diagnostics Finalist Elevator Pitch Award - HKUST Track	LAMPray Diagnostics unleashes a revolution in AMR detection with its patented microfluidic chip and cutting-edge AI-powered portable device. It's 30 times cheaper and 3 times faster, delivering lifesaving results on up to 8 critical pathogens, including MRSA. Designed for general and pediatric hospitals, especially in resource-limited settings, LAMPray is transforming rapid AMR diagnostics—protecting more children, saving lives, and empowering healthcare worldwide.
Theo Quant Elevator Pitch Award - HKUST Track	Theo Quant creates algorithmic SaaS that helps licensed Virtual Asset Trading Platforms (VATPs) achieve liquid and efficient markets in Hong Kong. By using the SaaS, spreads are narrowed, enhancing liquidity for VATPs to operate with greater efficiency, stability, and transparency, ultimately improving the user experience.
ROYO Material (Singapore) Elevator Pitch Award - International Student Track	ROYO is the world's first cardboard-based vegan leather. It tackles two problems at once: the carbon-intensive impact of animal leather and the mounting global cardboard waste. ROYO is up to twice as biodegradable as other vegan leathers, producing lower carbon emissions and requiring less virgin feedstocks. It is affordable yet high-performing, and its natural, earthy textures convey authentic sustainability. Beyond that, ROYO's process is inspired by Asian traditional crafts such as Chinese oil-paper and Japanese Momigami, offering a human-centered story