Press Release
For Immediate Release

Cyberport Test Sites Complement "Low-Altitude Economy Regulatory Sandbox"
Cyberport Companies Selected for the Pilot Project Driving Development of Strategic Emerging Industry

Hong Kong, 20 March 2025 – Cyberport welcomes the HKSAR Government's announcement regarding the first batch of pilot projects for the "Low-Altitude Economy Regulatory Sandbox" ("Sandbox") today, and congratulates two Cyberport community enterprises, **Alpha AI Technology Limited** and **5G nuMultiMedia Limited** for being selected. As the venue partner for the "Sandbox", Cyberport's test sites and supporting facilities are ready to complement the implementation of the pilot projects, seizing the new opportunities brought by the low-altitude economy and driving the development of new quality productive forces.

Dr Rocky Cheng, CEO of Cyberport, said, "The low-altitude economy has been included in the National Government work report for two consecutive years, becoming a key innovation area supported by the country and serves as an important strategic engine for the development of new quality productive forces. The 'Sandbox' provides a controlled and conducive environment for the industry stakeholders to explore different application scenarios of the low-altitude economy, while collecting data and experiences to assist the HKSAR Government in making well-considered decisions and establishing appropriate infrastructure and standards for the long-term development of low-altitude flying activities. We are delighted that Cyberport companies, **Alpha AI** and **5G nuMultiMedia**, have been successfully selected for the first batch of pilot projects, and welcome **S.F. Express (Hong Kong)** and **OWOWWW** to launch pilot project at Cyberport. Cyberport will actively support the government in exploring low-altitude flying application scenarios, hoping to promote strategic emerging industries such as smart transportation, logistics, and cultural & tourism through the 'Sandbox', unlocking the low-altitude airspace as a new production force for the new economy, unleashing greater potential across different industries, generating digital economic benefits for Hong Kong, while optimising citizens' smart living and bringing inclusive value to the public."

Cyberport incubatee **Alpha AI** will launch the pilot project "Automatic Drone AI Inspection with Intelligent LAE Infrastructure", utilising locally developed AI and 3D technology for sloping defect identification, building/infrastructure maintenance checks, and security patrols through automated drone operations. The high-resolution drone imagery can provide first-responders with un-precedented situational awareness. The solution can minimise risks by reducing the need for human patrols in hazardous areas. Alpha AI joined Cyberport's

"Smart-Space PropTech" in Fanling in 2023 and participated in the "PropTech Proof-of-Concept (PoC) Programme" jointly organised by Cyberport and the Hong Kong Housing Society, using drones to capture building photos and AI to precisely identify damaged areas, providing an efficient and cost-effective solution for property management companies.

Cyberport onsite company **5G nuMultiMedia (5GMM)** will implement a “5G Live TV Drone System” pilot project, which can be operated within and beyond visual line of sight across areas of varying population density, and can stably transmit up to 8K images. The system has been deployed at multiple large-scale events, including the world's first drone live broadcast utilising new 5G-A technology, addressing the limitations of traditional audio-visual transmission methods. As 5G and 6G technologies continue to mature, the company will persistently enhance its broadcasting system capabilities to establish a smart city media hub, supporting global real-time broadcasts of international competitions and large-scale events in Hong Kong, thereby contributing to the development of the city's mega-event economy.

S.F. Express (Hong Kong) will launch a “Drone Medical Delivery” pilot project at Cyberport, planning to use of ARK-20 drones to deliver medicines and other items to specific outlying islands, aiming to bring convenience to local residents and assisting the HKSAR Government in formulating low-altitude economy policies and regulatory indicators that align with the latest technology and industry needs, while also validating drone flight safety and operational standards for safe separation from other aircraft to ensure public and aviation safety. The project will enhance the efficiency of goods circulation, strengthen government emergency response capabilities, and explore pathways for integrated development of low-altitude logistics across the Greater Bay Area.

OWOWWW will conduct a trial project to test the performance, stability and connectivity capabilities of various drone systems. The project aims to improve drones' resistance to diverse weather, landscape conditions and ionospheric disturbances, with plans to facilitate stable and reliable land and sea platform for routine and emergency take-off, landings and re-supply stations for Small Unmanned Aircraft (SUA) and larger industrial drones. Key tests and data collection tasks include drone payload, connectivity, operational durability, Beyond Visual Line of Sight (BVLOS) testing, signal stabilisation solutions, marine environment testing, and landscape survey system testing. The project also involves developing routine drone traffic control protocol, traffic control systems, safety and incident response protocols.

Cyberport was previously appointed by the HKSAR Government as the venue partner for the “Sandbox”, responsible for providing suitable venues and facilities for different pilot projects. The Cyberport campus features large outdoor and waterfront spaces, away from drone flight restriction zones. Additionally, the campus is equipped with advanced IT and communication infrastructures, including the Artificial Intelligence Supercomputing Centre (AISC) commenced operations last year, providing high-performance computing power to empower the spatial data applications of the pilot projects, accelerate the AI technology

development and intelligent upgrades. With comprehensive wireless network coverage and dedicated data centre, Cyberport can support wireless mobile communication and system infrastructure needs for drone flight tests. The pier at Cyberport waterfront park is equipped with charging facilities and medium-sized unmanned aircraft take-off and landing points, facilitating the simultaneous operation of multiple drones, the testing of trial flights over the sea and thus realising a seamless connection between the sea, land and air, as well as an intermediate supply station for power replenishment for longer drone flights. Furthermore, Cyberport offers areas with different terrains and development densities as a rich variety of simulated application scenarios to support various low-altitude flight tests. In the future, with the completion of the Cyberport 5, basic power supply will be provided within the waterfront park area and near the pier to accommodate more drone charging and other auxiliary facilities, including large drone take-off and landing stations and maintenance facilities, further enhancing related applications to promote low-altitude economic activities.

As a supporting organisation of the Greater Bay Area Low-altitude Economy Alliance, Cyberport is actively engage with various industry organisations and start-ups to explore collaboration opportunities, including establishing partnerships with KC Smart Mobility and EHang to jointly promote the research and application of electric vertical take-off and landing (eVTOL) aircraft. Cyberport start-ups are also actively developing a diverse range of innovative drone applications, covering geographic information systems, construction and environmental surveying, logistics delivery, drone programming, and more. Additionally, Cyberport brings together over 350 start-ups focusing on the research and development of artificial intelligence and data science, the Internet of Things, and robotics, to support the development of low-altitude traffic systems with cutting-edge technology. Furthermore, over 20 leading technology companies and start-ups at Cyberport focusing on cybersecurity technology development help enhance network and data security levels in the campus, providing a secure, robust, and efficient application environment for drone applications.

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For high-resolution photos and videos, please download via this link.

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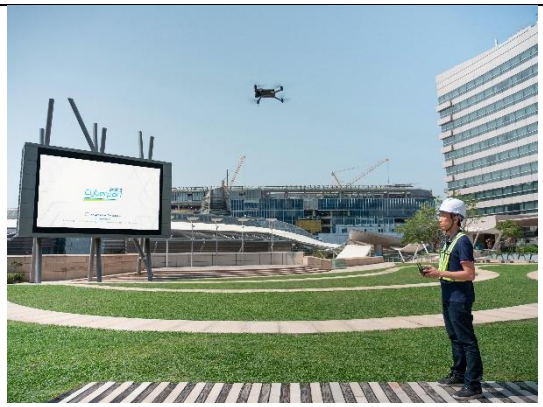
Cyberport was previously appointed by the HKSAR Government as the venue partner for the “Sandbox” Pilot Projects for the low-altitude economy which is responsible for providing suitable locations and supporting facilities for different pilot projects, which are ready for use. (Please click here to download the photos and video of venue)

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broadcast utilising new 5G-A technology, addressing the limitations of traditional audio-visual transmission methods. (Please click here to download the photos and video of the live broadcast)

S.F. Express (Hong Kong) will launch a "Drone Medical Delivery" pilot project at Cyberport, planning to use of ARK-20 drones to deliver medicines and other items to specific outlying islands. (Please click here to download the photos and video of the pilot drones)

OWOWWW will conduct a trial project to test the performance, stability and connectivity capabilities of various drone systems. (Please click here to download the photos of the pilot project)

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About Cyberport

Cyberport is Hong Kong's digital technology flagship and incubator for entrepreneurship with over 2,200 members including over 900 onsite and over 1,300 offsite start-ups and technology companies. It is managed by Hong Kong Cyberport Management Company Limited, wholly owned by the Hong Kong Special Administrative Region Government, and committed to the vision to inject new impetus into digital economy and smart city development through innovation and technology, and to connect enterprises to Mainland China and overseas markets. Cyberport strives to nurture a vibrant tech ecosystem by cultivating talents, promoting entrepreneurship among the youth, supporting start-ups, fostering technology industry development by promoting strategic collaboration with local, Mainland Chinese and international partners, and integrating new and traditional economies by accelerating digital transformation in public and private sectors.

For more information, please visit www.cyberport.hk