

Press Release
For Immediate Release

Cyberport and Spatial Data Office of the Development Bureau Co-host Proof-of-Concept Programme Innovation Showcase Successfully

*Unlocking the Potential of Spatial Data to Drive Smart City Development and
Enhance Smart Living for the Public*

Hong Kong, 9 October 2026 – To support the HKSAR Government’s strategy of strengthening Hong Kong’s digital infrastructure, Cyberport and the Spatial Data Office of the Development Bureau jointly launched the year-long “Proof-of-Concept (PoC) Programme” and hosted the “PoC Programme Innovation Showcase” at Cyberport today, highlighting five innovative applications developed using the Common Spatial Data Infrastructure (CSDI). Covering smart recycling, augmented reality (AR) city exploration, hiking safety, smart parking, and immersive cultural heritage experiences, the showcased projects demonstrated the immense potential of spatial data in advancing smart city development.

Ir Eric Chan, Chief Public Mission Officer of Cyberport, said, “Spatial data is the oxygen for building an ‘AI City Brain’ and a key element in enabling smart city management to deliver real impact. The PoC Programme has demonstrated the vast potential of spatial data applications, successfully inspiring participation from various sectors, promoting cross-industry exchange, and creating more business collaboration opportunities. It also demonstrates that data is not merely an open file, but can be transformed into products, services and social value, bringing smart solutions into citizens’ daily lives. Cyberport brings together over 1,000 smart living technology companies. Moving forward, we will continue to proactively connect start-ups, enterprises, the Government and investors to fully leverage the potential of the Common Spatial Data Infrastructure and jointly build a smarter and more liveable Hong Kong.”

Sr Raymond Choi, Head of Spatial Data Office of the Development Bureau, said, “When we launched this Programme, our primary objective was to bring spatial data together with innovative ideas, and showcase the value of spatial data to the public. Today, in addition to witnessing the remarkable achievements of the PoC Programme alongside stakeholders from various sectors, we hope to inspire further innovation and encourage people to explore solutions from a spatial data perspective when addressing future challenges. Looking ahead, the Spatial Data Office will continue to promote the development and diversified application of spatial data. Through close collaboration with stakeholders and organisation of activities on a wide range of themes, we aim to foster a more innovative, diverse and vibrant Spatial Data Ecosystem together.”

Launched by Cyberport and the Spatial Data Office of the Development Bureau in October last year, the PoC Programme aims to support local technology start-ups in developing innovative solutions powered by spatial data, unlocking the commercial and societal value of spatial data. Nearly 60 start-ups submitted the PoC applications, from which five projects were selected for further development. Each successful project received funding of up to HK\$100,000 for prototype development along with one-on-one mentorship from industry experts to accelerate solution validation and market adoption.

The innovative application outcomes of the PoC projects were officially showcased today. Among them, **OneChain Limited** developed a smart recycling solution that integrates plastic bottle reverse vending machines with spatial data, binding each recycling transaction to verified geo-identities, while offering a tokenised rewards mechanism to boost community engagement and recycling participation. The solution has reached an agreement in principle with AS Watson Industries - Watsons Water to conduct a pilot trial.

ConnectAR Limited integrated CSDI 3D Digital Map and Points of Interest (POI) coordinates to enable 3D street-view navigation and territory-wide location exploration capabilities. The solution has been piloted with multi-stop route planning at Wong Tai Sin Temple and The Mills. **Farmio HK Limited's** smart parking solution helps drivers locate roadside parking spaces more efficiently, reducing the risk of parking violations and related penalties. **Media Explorer Limited** developed a smart tourism solution that overlays historical views onto real physical buildings in real time, allowing visitors to experience vanished cultural heritage sites in an immersive way and creating a new model for cultural tourism. Meanwhile, **WayMe Outdoor Limited** focused on a hiking safety solution that combines CSDI terrain, weather, trail, and infrastructure data to provide dynamic TrailComfort Score, facility alerts, and the latest trail information for hikers to assess risks and plan safer journeys. These five PoC innovative solutions demonstrate the potential of spatial data in creating more convenient smart living for the public.

During the event, participants gained firsthand experience of how the five innovative solutions could be applied in real-world settings through interactive showcases and demonstrations. They also took part in a cross-sector panel discussion with industry leaders to explore the value of spatial data and strategies for driving wider adoption. In addition, networking and business matching sessions were organised to foster collaboration between project teams and stakeholders across the innovation and technology (I&T) ecosystem, creating new partnerships and business opportunities.

As Hong Kong's digital technology hub and artificial intelligence (AI) accelerator, Cyberport has long been committed to driving digital transformation and intelligent upgrading across industries, supporting the development of Hong Kong's digital economy and AI ecosystem. The PoC Programme demonstrates how spatial data can be integrated with technologies such as AI, the Internet of Things (IoT), blockchain, and AR to address diverse societal needs. It also highlights the potential of spatial data to enhance public services, improve

operational efficiency, and facilitate cross-sector collaboration. Looking ahead, Cyberport will continue to work closely with industry partners to drive the adoption of more innovative spatial data applications, transforming innovation into practical solutions that enhance Hong Kong's competitiveness and support its development as an international I&T hub.

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Please click [here](#) to download high-resolution photos and video, and [here](#) to download Cyberport campus photos and video footage.



Cyberport and the Spatial Data Office of the Development Bureau successfully co-hosted the “Proof-of-Concept Programme Innovation Showcase” at Cyberport 5 today.

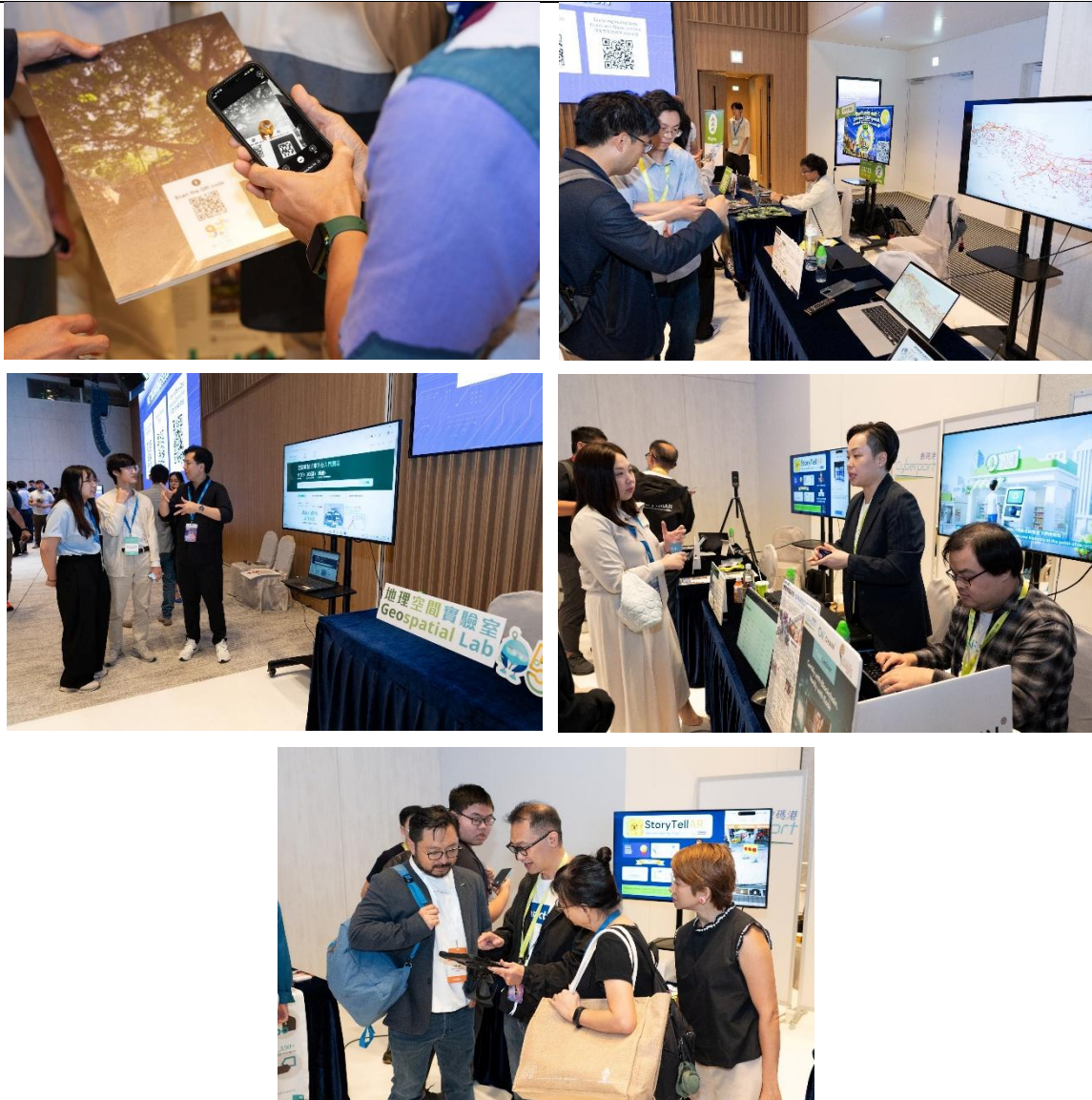


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services and social value, bringing smart solutions into citizens' daily lives. Cyberport brings together over 1,000 smart living technology companies. Moving forward, we will continue to proactively connect start-ups, enterprises, the Government and investors to fully leverage the potential of the Common Spatial Data Infrastructure and jointly build a smarter and more liveable Hong Kong."



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The event featured a dedicated showcase and experience zone, allowing participants to experience the five innovative applications firsthand. It also included cross-sector panel discussions, networking sessions, and business matching opportunities, bringing together industry leaders to explore the transformative value of spatial data, application strategies, and collaboration opportunities.

Appendix: List of Cyberport PoC Programme Outcomes (listed in alphabetical order):

Cyberport Community Companies (PoC Solutions)	Solution Overview
ConnectAR Limited (Hong Kong City-wide AR Treasure Hunt)	- The solution was successfully piloted on multi-stop routes at Wong Tai Sin Temple and The Mills. Integrating CSDI 3D maps and Point of Interest (POI) coordinates, it enables 3D street-view navigation and location discovery across Hong Kong. It also uses GPS geo-fencing to guide users along real-world heritage and community trails, with real-time 2D/3D AR content, cultural storytelling, and quizzes as pedestrians reach designated physical waypoints. - The play-to-reward footfall engine connects GPS-verified trail completion to merchant coupon redemptions, encouraging foot traffic and active walkability near local businesses. The platform also allows educators, NGOs, and tourism bodies to build location-based interactive tours.
Farmio HK Limited (Farmio SmartPark)	- The solution decodes static CSDI Road Network traffic rules to display real-time color-coded stopping and loading zone legibility. Real-time IoT sensor data is integrated with CSDI APIs for metered and unmetered roadside parking to show live vacancies. - It reduces parking search times by 10–15 minutes per stop.
Media Explorer Limited (TimeWalker.hk)	- The solution utilises CSDI Map APIs as the base layer to build a digital twin for heritage site exploration, overlaying historical views onto real physical buildings in real time, restoring vanished heritage directly on-site. At the same time, it integrates a multilingual AI chatbot to provide real-time historical context and navigation tips to visitors. - Users can curate digital-physical itineraries to explore internal mini-spots within heritage compounds. Leveraging precise CSDI positioning, users enjoy an instant web-based experience without app downloads. Interactive, mission-based digital stamp tours further enhance visitor engagement, increasing dwell time and footfall across the site.
OneChain Limited (ESGLedger)	- It connects Reverse Vending Machines (RVMs) to CSDI spatial data to bind every recycling transaction to verified geo-identities, while logging recovery metrics (weight, bottle

	type, timestamp, coordinates) onto an ISO 27001 permissioned blockchain. - Leveraging a tokenised incentive system, the solution issues instant digital green points and plastic credits to boost community engagement and recycling participation. By using CSDI-anchored audit traits, it eliminates double-counting and cuts ESG compliance turnaround times by 90%.
WayMe Outdoor Limited (WayMe TrailGuard)	- Combining CSDI terrain, weather, and trail infrastructure data with proprietary geofencing for outdoor navigation, the solution provides smart trail safety assistance. It gives a dynamic TrailComfort Score by calculating a real-time 0–10 comfort and difficulty rating for routes using live weather, elevation, slope, and nearby facilities. - The solution ingests 2,485 POIs across 16 CSDI datasets to map critical facilities like shelters, water points, toilets, and first aid posts, while enabling users to pin geotagged POIs with photos to report fallen trees, landslides, or maintenance needs in real time. - It refreshes Agriculture, Fisheries and Conservation Department (AFCD) trail and facility closure data daily.

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About Hong Kong Cyberport

Wholly owned by the Hong Kong Special Administrative Region (HKSAR) Government, Cyberport is Hong Kong's digital tech hub and AI accelerator, with a vision to empower industry digitalisation and intelligent transformation, to promote digital economy and AI development, and to foster Hong Kong to be an international AI, innovation and technology (I&T) hub. Cyberport gathers over 2,400 companies, including 30 listed companies and 10 unicorns. 40% of onsite companies' founders come from 28 countries and regions, while Cyberport companies have expanded to over 35 global markets.

Cyberport, with Hong Kong's largest AI Supercomputing Centre and AI Lab as the engine, has been building the AI ecosystem with industry-leading AI companies and over 500 AI and data science start-ups. Through development of tech clusters, namely AI, data science, blockchain and cybersecurity, Cyberport empowers industries across smart city and government, banking and finance, digital entertainment, culture and tourism, healthcare, education and training, property management, construction, transportation and logistics, green environment and more, while hosting Hong Kong's largest FinTech community. Commissioned by the HKSAR Government, Cyberport has implemented proof-of-concept and sandbox schemes, subsidisation for digital tech adoption, industry tech training and start-up incubation, to drive technology R&D, translation and commercialisation, thus propelling digital transformation and intelligent upgrade across industry and society.

Also as "State-level Scientific and Technological Enterprise Incubator" and Hong Kong's key incubator, Cyberport supports entrepreneurs with funding and office space, extensive networks of enterprises, investors, technology corporations and professional services for business growth and expansion to Chinese Mainland and overseas markets, all-round facilitation for landing in Hong Kong, talent attraction and cultivation, ready as a launchpad to take start-ups in any stages of development to the next level.

For more information, please visit <https://www.cyberport.hk/en>.