

**FOR IMMEDIATE RELEASE**

## **Three-day "Construction Robot Competition and Exhibition" Kicks Off** **World-renowned Experts Gather to Pool Wisdom** **Cutting-edge Robots Create Opportunities**

**Hong Kong • 31 July 2025** – The Construction Industry Council (CIC) is committed to promoting innovation and change within the industry. This year, we are hosting the inaugural “Construction Robotics Competition and Exhibition” (the Competition and Exhibition), guided by the Development Bureau of the Hong Kong Special Administrative Region Government and the Urban-Rural Development of Guangdong Province, with the Guangdong-Hong Kong-Macao Intelligent Construction Industry Development Alliance serving as the main organiser on the mainland. Over the past few months, various competitions have been held, receiving enthusiastic responses from industry companies and school teams. As the highlight of the event, the forum and exhibition begin today for three consecutive days at the Xiqu Centre in the WestK, bringing together industry professionals, researchers, investors, and the public to witness the development and future of construction technology.

Forum on “Building Tomorrow: Robotics in Construction” was held this morning. It featured a high-level forum where leading robotics experts from around the world shared their insights on the latest advancements and future directions of robotics in construction.

Ir Prof. Thomas HO, Chairman of the CIC, set the stage in his opening address, he stated, "This year marks our first collaboration with our Mainland partner, the Guangdong-Hong Kong-Macao Smart Construction Industry Development Alliance, to co-host the robot competition and exhibition. Over 100 teams participated, showcasing innovative and highlighting the rise of AI+ Robotics technologies. By fostering industrial collaboration within GBA and promoting knowledge exchange, we aim to build an ecosystem that supports the full life-cycle implementation of construction robots. The competitions have expanded the cross-border platform for robotic applications, achieving numerous partnership matching."

Ir Ricky LAU, Permanent Secretary for Development (Works) of Development Bureau and Mr. ZHOU Wei, Level 1 Inspector, Department of Housing and Urban-Rural Development of Guangdong Province further enriched the discussion with their perspectives on the evolving role of automation and smart technologies in the industry. Ir Ricky LAU said, “Aligned with national policies, the construction industry is committed to driving the intelligent transformation of the construction sector. The Development Bureau is formulating policies to mandate the use of proven high-efficiency construction robots in suitable public projects within this year. Hong Kong will continue to advance digitalisation and AI, positioning itself as a leader in the Greater Bay Area and globally.”

Mr. ZHOU Wei also said, "This competition is a vivid implementation of the national strategic decision to develop the artificial intelligence and robotics industry and the deployment of intelligent construction, and an important initiative to deepen the exchanges and co-operation among Guangdong, Hong Kong and Macao in the construction field. We hope that all parties in the industry, academia and research of the three places will strengthen their cooperation, break the geographical barriers and industry boundaries, and work closely together in technology research and development, standard setting, market development, so as to cultivate talents with cross-disciplinary knowledge and practical skills, and to continuously magnify the effect of the Guangdong, Hong Kong and Macao intelligent construction industry cluster."

Esteemed speakers including Prof. Philip F. YUAN from Tongji University, Prof. Thomas LINNER from OTH Regensburg, Dr. Quang HA from the University of Technology Sydney and Mr. Andrew SHUTTLEWORTH from Obayashi Construction-Tech Lab Singapore, delved into specialised topics shaping the future of construction robotics. The session concluded with closing remarks from Ir John KWONG. He said, "Beyond these important lessons, I am particularly encouraged to see that Hong Kong's construction industry is moving in the right direction. Like our global peers, we are embracing this era of AI and robotics by actively implementing construction robotics to optimise and automate our sector."

The afternoon session featured an exciting Construction Robot Performance Competition, where leading teams demonstrated groundbreaking robotic innovations through live pitching presentations, culminating in an awards ceremony to recognize the most outstanding solutions.

Ir Albert CHENG, Executive Director of the CIC, welcomed participants and attendees, stating, "This event is a catalyst for innovation, showcasing how robotics can improve site safety, address labor shortages, and support an aging workforce. To fully realise these benefits, the industry must focus on collaboration between vendors and contractors, seamless integration of robotic workflows, addressing high investment costs through initiatives like the Construction Innovation and Technology Fund (CITF), and developing skilled talent to drive future advancements."

The Construction Robot Competition and Exhibition has transformed the Xiqu Centre into a dynamic showcase of innovation, featuring over 15 leading companies presenting robotic solutions and some of the robots that won in the competition held in early July. Visitors can explore interactive games and the latest construction robots that reveal how cutting-edge technology is reshaping traditional construction methods. These robots include painting robots, robotic dogs, drones, and other cutting-edge technologies. This allows industry professionals and the public to experience firsthand how robotics technology is being applied in real-world scenarios, demonstrating the achievements of the construction industry in transitioning from traditional methods to intelligent and

sustainable practices. The three-day exhibition is open to the public free of charge. All construction industry professionals, technology enthusiasts, and members of the public interested in robotics technology are welcome to participate.

### **Construction Robot Competition and Exhibition**

#### Exhibition and Guided Tours

Venue: Atrium, Xiqu Centre, WestK

Date: 31 July - 2 August 2025 (Thursday to Saturday)

Time: 9:00am – 8:00pm (Open till 6:00pm on 2 August)

For more details, please visit:

<https://citac.cic.hk/en-hk/news-and-events/events/upcoming-events/upcoming-events-details/681>



Dr. Morgan YANG, Director of Hong Kong Institute of Construction leads students, donning a powered exoskeleton and performing Baduanjin alongside a range of robotic models symbolises the seamless integration of traditional craftsmanship with cutting-edge technology—ushering in a new era of innovation in construction





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Ir Prof. Thomas HO (front row 3<sup>rd</sup> left), Chairman of the CIC, Ir Albert CHENG (front row 4<sup>th</sup> right), Executive Director of the CIC, Ir Ricky LAU (front row 4<sup>th</sup> left), Permanent Secretary for Development (Works) of Development Bureau and Mr. ZHOU Wei (front row 5<sup>th</sup> right), Level 1 Inspector, Department of Housing and Urban-Rural Development of Guangdong Province, picture with speaker from mainland and overseas in the Forum in the morning



Champion of the Construction Robot Challenge goes to Island School, while HKSYCIA Wong Tai Shan Memorial College and CCC Kei Long College claims the 1<sup>st</sup> runner up and 2<sup>nd</sup> runner up respectively

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Guests congratulate representatives from HKSyCIA Wong Tai Shan Memorial College for becoming the 1<sup>st</sup> runner up of the Construction Robot Challenge



Ir Prof. Thomas HO (front row 6<sup>th</sup> left), Chairman of the CIC and Ir Albert CHENG (front row 6<sup>th</sup> right), Executive Director of the CIC with speakers of the Forum in the afternoon





The three-day exhibition features over 20 cutting-edge robots—including painting robots, robotic dogs, and drones—demonstrating the latest innovations in technology and offering industry professionals and the public an immersive experience of the real-world applications of robotics



Interactive games provide the public with an engaging opportunity to explore the operating models of construction robots and gain deeper insight into their roles on site

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### **About the Construction Industry Council**

The Construction Industry Council (CIC) was formed in 2007 under the Construction Industry Council Ordinance (Cap. 587). The CIC consists of a chairman and 24 members representing various sectors of the industry including employers, professionals, academics, contractors, workers, independent persons and Government officials.

The main functions of the CIC are to forge consensus on long-term strategic issues, convey the industry's needs and aspirations to the Government, provide professional training and registration services, and serve as a communication channel between the Government and the construction industry.

Please visit [www.cic.hk](http://www.cic.hk) for further details.