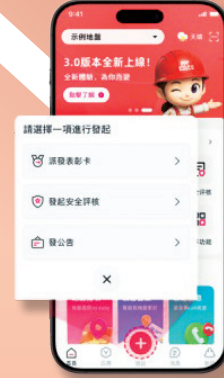


"Happy Worker" APP 3.0

In 2021, CSHK launched the "Happy Worker" Mobile APP to integrate smart construction practices into daily site management. Designed with frontline workers in mind, the platform incorporates essential features such as digital work permits, safety training modules, and record management. Upgraded to version 3.0 based on operational feedback, the app significantly enhances site management efficiency.

Version 3.0 introduces the "Safety Star" incentive scheme. Workers are recognized with commendation cards for proactively issuing safety reminders. These cards can be accumulated and redeemed for rewards, effectively distributing safety responsibilities across the entire workforce and fostering a participatory safety culture.



Strategic Talent Development: Signing of International MOU

Witnessed by the HKSAR Government, CSHK signed a strategic talent development MOU with the DAB Talent Hub and Universiti Malaya, marking a significant milestone in building an international talent ecosystem.

Through a regular communication framework established with the DAB Talent Hub, CSHK aims to nurture engineering professionals via policy advisory, joint training programs, and talent service platforms. In parallel, CSHK is partnering with Universiti Malaya to offer students global exposure, practical training in advanced construction technologies, and clear career pathways. Having assembled a network of nearly 500 professionals from Mainland China and overseas, the Group now powers the industry's digital and green transformation while reinforcing its position as a strategic talent hub.



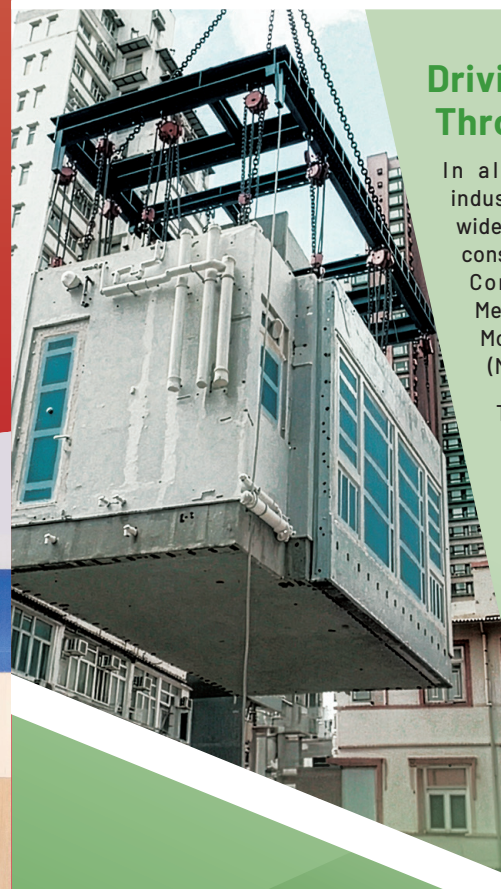
中建香港-民建聯人才高地 暨 中建香港-馬來亞大學人才戰略合作備忘錄 簽署儀式
CSHK-DAB Talent Hub & CSHK-Universiti Malaya Talent Strategic Cooperation MoU Signing Ceremony
2025.6.12



Preserving Native Biodiversity & Habitats

CSHK prioritizes balancing construction activities with the preservation of local vegetation and wildlife habitats. For projects in ecologically sensitive areas, CSHK proactively identifies impacted local species during the planning phase, collaborating with environmental organizations and academic institutions to formulate targeted conservation plans.

Our commitment spans every phase of development, from managing noise, water quality, and dust emissions during construction, to reserving ecological corridors and restoring habitats for the long term. We aim to minimize our impact on local ecosystems, achieving a harmonious balance between urban development and nature.



Driving Industrialisation Through Smart Construction

In alignment with the Government's re-industrialization policy, CSHK is driving sector-wide transformation by deploying three key smart construction methodologies: Modular Integrated Construction (MiC), Multi-trade Integrated Mechanical, Electrical and Plumbing (MIMEP), and Modified Lateral Support Temporary Structures (M-ELS).

The Temple Street project in Mong Kok serves as the first private residential project in Hong Kong to adopt MiC. By shifting fabrication off-site to factories and conducting assembly on-site, construction schedules are significantly compressed. Leveraging Building Information Modeling (BIM) alongside a 50-tonne tower crane, installation tolerance is maintained within an impressive 4 mm, dramatically improving construction precision and efficiency. This initiative sets a technical benchmark for high-density urban renewal, marks the expansion of smart construction into the private sector, and serves as a major milestone in industry transformation.



ALLIANCE

5G Drone Systems: Pioneering the Low-Altitude Economy

CSHK integrates drone technology across site operations, enabling aerial inspections, surveying, material transport, and terrain modeling. Powered by 5G, automated survey systems execute fully autonomous flights along pre-programmed flight paths. Façade drones utilize AI to automatically tag and visualize structural defects, while curtain wall water testing drones equipped with RTK precision positioning replace hazardous, traditional gondola methods.

Drone data feeds directly into C-SMART and BIM systems, automating the workflow from collection to decision-making. This boosts efficiency, enhances safety, and advances a smart construction ecosystem.



Showcasing MiC Innovations at the HOUSING • I&T Summit

At the HOUSING • I&T Summit, CSHK showcased its MiC capabilities to over 400 industry leaders. Featuring the Kai Tak Light Public Housing project as a case study, CSHK presented an advanced manufacturing model where 70% of construction modules are prefabricated in GBA factories. Powered by the integrated C-SMART platform, the design, manufacturing, and installation phases are fully synchronized, enabling Phase 1 completion in just 22 months. Industry experts were invited to tour the smart manufacturing facility in Zhuhai and the Kai Tak construction site, experiencing firsthand the end-to-end workflow from standardized factory production to site-level modular assembly.



KEY PROJECTS FOR HONG KONG

Kai Tak Olympic Avenue Light Public Housing



West New Territories Landfill Extension



Chinese Medicine Hospital of Hong Kong and Government Chinese Medicines Testing Institute



2025

SUSTAINABILITY REPORT



Full report here

