

2019 建造創新博覽會

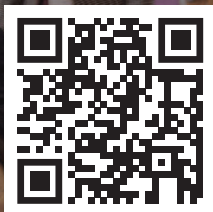
CONSTRUCTION INNOVATION EXPO 2019

建造業議會（議會）與發展局合辦，並由中國住房和城鄉建設部科技與產業化發展中心（發展中心）協辦全港首個建造業大型展覽——「2019 建造創新博覽會」（創博會）於2019年12月17日至20日順利舉行，共吸引228個來自15個國家與地區的參展商。業界及公眾反應踴躍，超過23,500參觀人次。

Jointly organised by the Construction Industry Council (CIC) and the Development Bureau (DEVB), and supported by the Centre of Science and Technology Industrial Development (CSTID), the Ministry of Housing and Urban-Rural Development (MOHURD) of the People's Republic of China, the Construction Innovation Expo (CIExpo) 2019 was successfully held on 17-20 December 2019, with over 23,500 visitors and 228 exhibitors from 15 countries and regions participated.

23,500+ 參觀展覽人次
Visitors at the Exhibition

228 本地和海外機構參展
Exhibitors from HK and Overseas



參展商名單
Exhibitor List

2,500+ 國際會議人次
No. of Attendance at
the International Conferences

A man in a dark suit is shown from the chest up, wearing a VR headset and holding it with both hands. He has a wide, joyful smile, showing his teeth. The background is a high-angle, panoramic view of a dense urban skyline, likely Hong Kong, with numerous skyscrapers and buildings. The sky is filled with soft, wispy clouds, and the lighting suggests a sunrise or sunset, with a warm orange glow on the left side. The overall composition suggests a theme of virtual reality and urban development.

A New Era in Construction

 USB 內有更多相片、影片及簡報
More photos, videos and presentations in the USB

開幕典禮儀式 GRAND OPENING CEREMONY

香港特別行政區行政長官

林鄭月娥女士

Mrs. Carrie LAM CHENG Yuet-ngor,

GBM, GBS

The Chief Executive of the HKSAR



2019 建造創新博覽會
CONSTRUCTION
INNOVATION
EXPO

中國住房和城鄉建設部副部長

易軍先生

Mr. Yi Jun

Vice-Minister,

Ministry of Housing and

Urban-Rural Development, PRC



創博會開幕典禮儀式貴賓

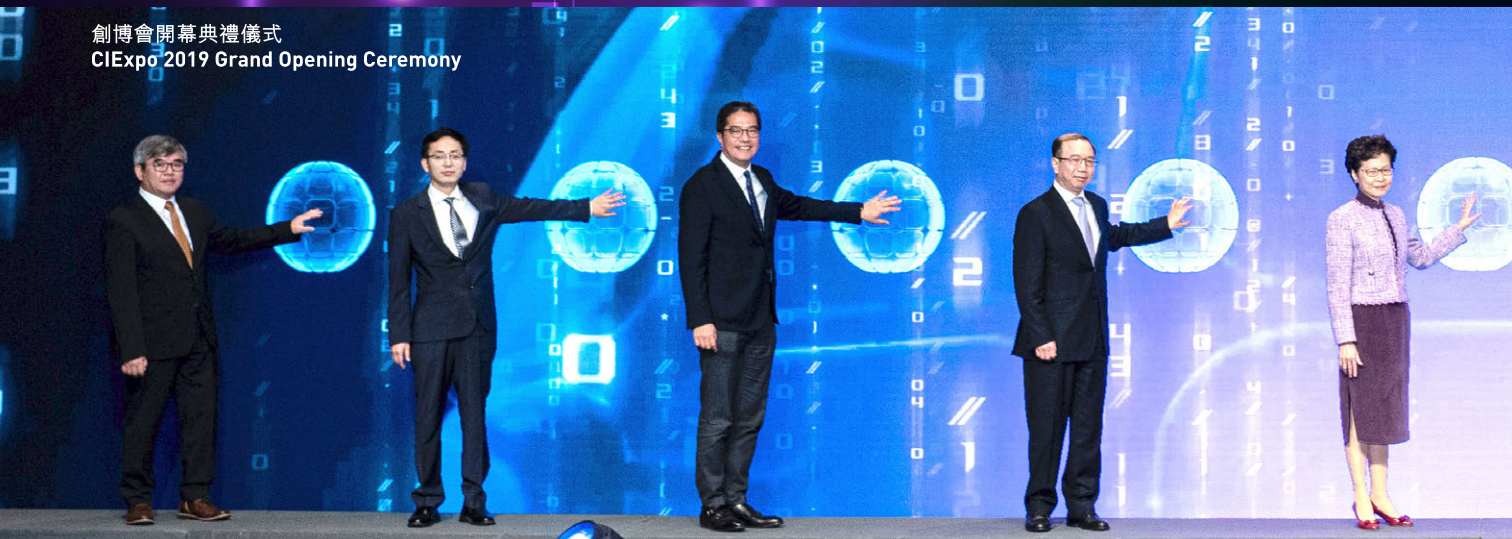
Guests of Honour of the CIExpo 2019 Grand Opening





開幕典禮儀式 GRAND OPENING CEREMONY

創博會開幕典禮儀式
CIExpo 2019 Grand Opening Ceremony



創博會開幕典禮儀式座無虛席
Full House at the CIExpo 2019 Grand Opening Ceremony



議會與發展中心簽署合作備忘錄
Signing the MOU between the CIC and CSTID

2019 建造業議會創新獎

CIC CONSTRUCTION INNOVATION AWARD PRESENTATION CEREMONY

建造業議會於 2015 設立建造業議會創新獎，旨在帶領開發，推廣及應用新材料，新方法及新技術，從而持續提升香港建造業的競爭力。The CIC has been organising the Construction Innovation Award since 2015, with the aim to spearhead the development, promotion and implementation of new construction materials, methods, technologies for enhancing the competitiveness of the construction industry.

得獎名單
Award winners



本地創新大獎 Local Grand Prize



有利高層混凝土組合成系統
Yau Lee High Rise Concrete MIC System

國際創新大獎 International Grand Prize



室內裝修和品質評估智能機械人
Intelligent Robotic Systems for
Interior Finishing and Quality Assessment

英國建造業領導議會聯席主席
Mr. Andy MITCHELL, CBE
Council Co-chair, Construction
Leadership Council, UK

2019 建造創新博覽會籌備委員會主席及
建造業議會創新獎評委會主席
余錫萬工程師
Ir Ringo YU Shek-man
Chairperson, Organising Committee of
CIExpo 2019 and Panel Chair of the CIC
Construction Innovation Award

創博會 EXHIBITION

創博會獲得國家及本地業界人士支持包括中央政府駐港聯絡辦公室譚鐵牛先生，立法會議員盧偉國先生等。

Supported by the Government of the PRC and representatives from the local industry, including Mr. TAN Tieniu from the Liaison Office of the Central People's Government in HKSAR, Mr. LO Wai-kyok from the Legislative Council.



裝配式建築 OFFSITE CONSTRUCTION

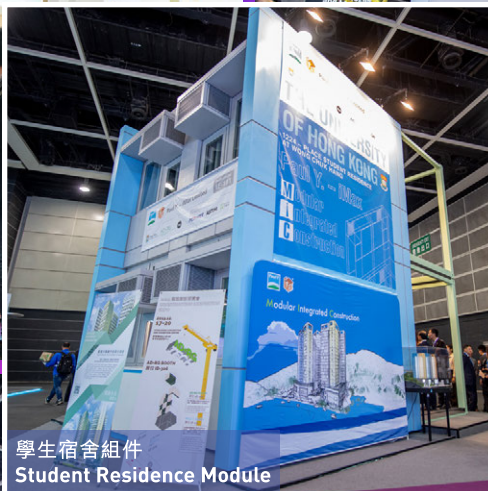
展示「組裝合成」建築法 (MiC)、裝配式建築 (DfMA) 及先進預製建築技術及不同裝配式建築方案推動建造業更安全、更環保和品質更好。
Adoption of Modular Integrated Construction (MiC), Design for Manufacture & Assembly (DfMA) approach and advanced prefabrication technologies and various offsite solutions, particularly MiC, were showcased to drive better safety, environment and quality.



過渡性房屋組件
Transitional Housing Module



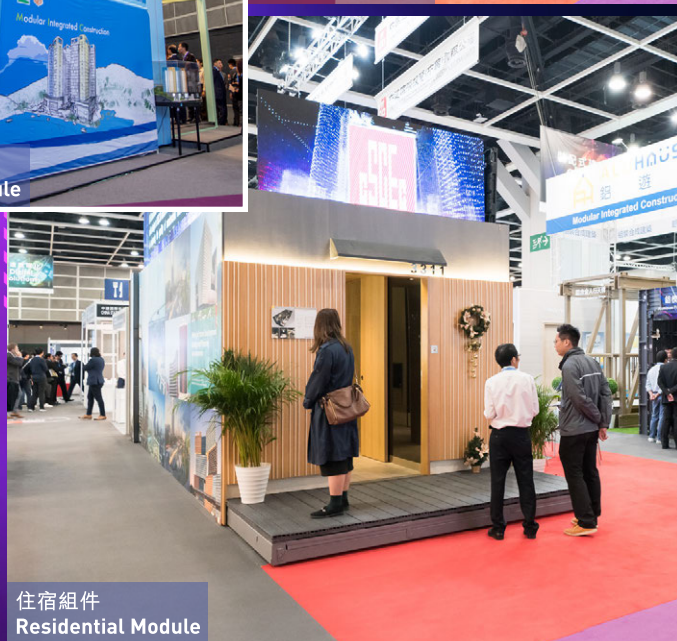
酒店組件
Hotel Module



學生宿舍組件
Student Residence Module



浴室組件
Bathroom Module



住宿組件
Residential Module

建造數碼化 DIGITAL SOLUTIONS

透過建築信息模擬 (BIM)、虛擬實境 / 擴增實境技術 (VR / AR)、物聯網 (IoT) 將建造數碼化，實現智能建造。

Digitalising Construction through Building Information Modelling (BIM), Virtual Reality / Augmented Reality (VR/AR), Internet of Things (IoT) to realise Smart Construction.



建造數碼轉型
Digital Transformation



智能機場
Smart Airport



共建粵港澳大灣區
Co-constructing the Greater Bay Area



機電工程方案
E&M Project Solutions



體驗建築信息模擬模型
Experiencing BIM Model



起重機模擬器
Crane Simulator



裝配式建築結合建築信息模擬
DfMA×BIM



沉浸式虛擬現實
Immersive Virtual Reality



全息投影技術
Hologram Technology

建造機器化 ROBOTICS AND AUTOMATION

透過運用機械與自動化、人工智能 (AI) 和 3D 打印技術提升建造生產力及安全。

Construction productivity and safety can be improved by adopting Robotics and Automation, Artificial Intelligence (AI) and 3D Printing technologies.



道路工程智能機械臂
Robot System in Road Works



巡邏機械人
Patrol Robot



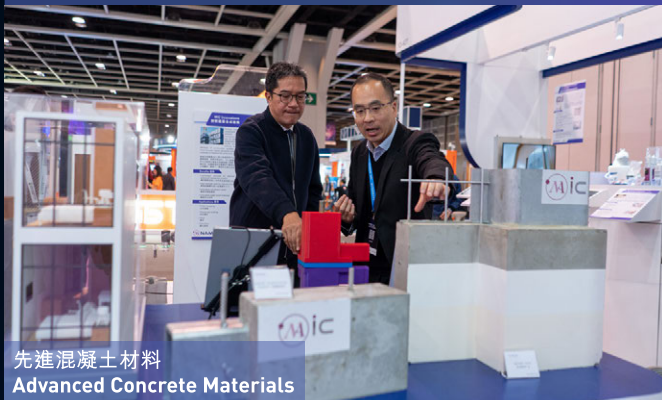
蜘蛛式起重機
Spider Crane



焊接機械人
Welding Robot

先進技術及材料 ADVANCED TECHNOLOGIES AND MATERIALS

先進機械、設備、新型材料和測試方案帶領香港建造業開拓新領域。
Advanced Plants and Equipment, New Materials and Testing Solutions bring construction to next level.



先進混凝土材料
Advanced Concrete Materials



香港科技園展區
HKSTP Pavilion



高燃效挖土機
High Fuel-efficient Excavator



3D 打印混凝土
3D Printed Concrete



智能控制系統
Smart Control System



新型玻璃
Revolutionary Glass

建築信息模擬國際會議 INTERNATIONAL CONFERENCE ON BIM

多位專家分享建築信息模擬政策，標準及知名 / 獲獎項目，建築信息模擬技術的應用、教學及相關科技。
Experts shared BIM Policy, Standard and Renowned / Award Projects, BIM Adoption, Education and Related Technology.



建造業議會建築信息模擬專責委員會主席
馮宜萱建築師
Ar. Ada FUNG Yin-suen, BBS
Chairperson, Committee on BIM,
Construction Industry Council



Mr. Lex RANSIJN
Chairman, Expert
Committee of the BIM
Basic IDM, Netherlands



時任香港機場管理局工程及科技執行總監
關景輝工程師
Ir Alex KWAN King-fai,
The then Executive Director
(Engineering & Technology),
Airport Authority Hong Kong





Mr. Richard
PETRIE
Chief Executive,
buildingSMART
International, UK



艾奕康有限公司
黎文傑先生
Mr. Thomson LAI
Digital
Transformation
Lead, Greater
China, AECOM



美國賓夕法尼亞州立大學建築工程系教授
Prof. John MESSNER
Charles & Elinor Matts Professor,
Architectural Engineering Department,
Pennsylvania State University, US



Ms. Cheryl CHI
Regional AEC Technology Manager, Walt Disney
Imagineering Asia



組裝合成建築法國際會議 INTERNATIONAL CONFERENCE ON MiC

本地和海外專家分享最新國際組裝合成建築法技術。
Local and overseas experts shared the latest MiC technologies.



組裝合成建築法國際會議大合照
International Conference on MiC Group Photo



香港特別行政區政府
發展局局長黃偉綸先生
Mr. Michael WONG Wai-lun, JP
Secretary for Development,
The HKSAR Government



新加坡建設局執行總監
戴禮翔先生
Mr. TAI Lee-siang, Executive Director,
Building and Construction Authority,
Singapore



香港特別行政區政府發展局首席政府工程師
鄭家陸工程師
Ir John KWONG, Principal Government
Engineer, Development Bureau,
The HKSAR Government



Ms. Michelle WHEELER
Executive Director, Healthcare, AECOM



創建亞洲論壇 BUILDING ASIA FORUM

本地和來自亞洲地區的海外代表分享亞洲建造業市場機遇。
Representatives from local and Asia territories shared the opportunities in the Asian construction market.



香港特別行政區政府
發展局常任秘書長（工務）林世雄工程師
Ir LAM Sai-hung, JP
Permanent Secretary for Development (Works),
The HKSAR Government



中國廣東省住房和城鄉建設廳副廳長
蔡瀛先生
Mr. CAI Ying
Deputy Director-General, Department of
Housing and Urban-Rural Development of
Guangdong Province, PRC



Mr. YAMAGUCHI Yoshihiro
Vice President, The Overseas
Construction Association of
Japan, Inc.



創建亞洲論壇大合照
Building Asia Forum Group Photo



香港金融管理局助理總裁（外事）
陳維民先生
Mr. Darryl CHAN, JP
Executive Director (External), Hong
Kong Monetary Authority



廣州建築集團有限公司總經理
張宇江先生
Mr. ZHANG Yujiang
General Manager, Guangzhou Municipal
Construction Group Co., Ltd, PRC



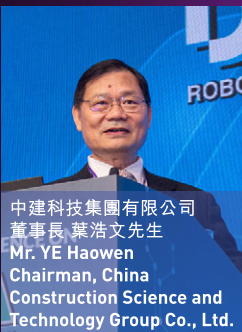
裝配式建築、機械人及自動化 INTERNATIONAL CONFERENCE ON DFMA, ROBOTICS AND AUTOMATION

Experts shared application of DfMA technologies, development of advanced construction robots and automation.
多位專家分享了裝配式建築的應用及先進機械人和自動化技術的發展。

香港特別行政區政府
發展局副局長廖振新先生
Mr. LIU Chun-san, JP
Under Secretary for Development,
The HKSAR Government



中建科技集團有限公司
董事長 葉浩文先生
Mr. YE Hao wen
Chairman, China
Construction Science and
Technology Group Co., Ltd.



奧雅納工程顧問東亞區主席
郭家耀工程師
Ir Michael KWOK
Chairman, East Asia
Region, ARUP



中華人民共和國住房和城鄉建設部
科技與產業化發展中心主任
劉新峰先生
Mr. LIU Xinfeng
Director, Centre of Science and Technology Industrial
Development of the Ministry of Housing and Urban-
Rural Development of the People's Republic of China



金門建築有限公司總裁何安誠工程師
Ir Thomas HO, JP
Chief Executive, Gammon
Construction Limited



新加坡建設專科學院榮譽院士
姜錦賢博士
Dr. John KEUNG
Emeritus Fellow, BCA Academy, Singapore



Mr. Jaimie JOHNSTON
Board Director, Head of Global
Systems, Bryden Wood, UK



Mr. Jean-Daniel KUHN
Co-founder and General Manager,
XtreeE, the large-scale 3D, France





中國建設科技集團股份有限公司副總裁
孫英女士
Ms. SUN Ying
Vice President, China
Construction Technology
Consulting Co., Ltd.



Prof. David GANN CBE
Professor of Innovation and Technology Management,
Imperial College Business School, UK



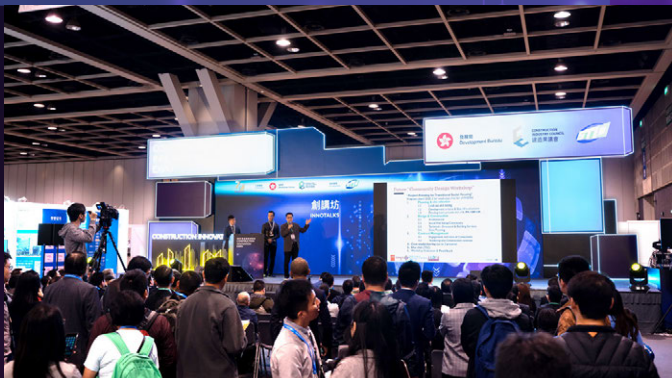
Mr. Matt PETTY
General Manager - Autonomous Services,
Thiess, Australia



創講坊 InnoTalks

參展商分享創新產品及方案。

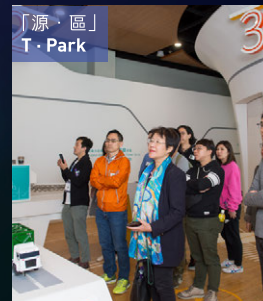
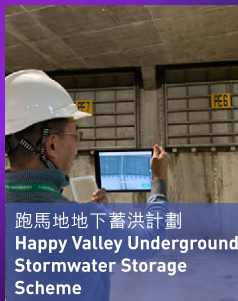
Sharing from exhibitors on innovative products and solutions



技術參觀團 TECHNICAL TOURS

10 個技術參觀團包括建造業零碳天地、跑馬地地下蓄洪計劃及「源·區」污泥處理廠等。

Ten Technical Tours including CIC – Zero Carbon Park, Happy Valley Underground Stormwater Storage Scheme and T • Park etc.



歡迎晚宴 GALA DINNER



建造業議會主席陳家駒先生
Mr. CHAN Ka-kui, SBS, JP
Chairman, Construction Industry Council



香港特別行政區政府財政司司長陳茂波先生
Mr. Paul CHAN Mo-po, GBM, GBS, MH, JP
Financial Secretary, The HKSAR Government



「2019 建造創新博覽會」(創博會)得以成功舉辦，承蒙各贊助商、支持機構、參展商及業界持分者的鼎力支持及參與，共同推廣建造業持續創新，提升香港建造業整體形象。

創博會致力為建造業界提供一個知識分享及商貿配對平台，推動建造新年代。憑著業界的齊心協力，香港建造業定能迎接革新及蛻變，向世界展示業界的創科成就。

With the kind contribution and support from all the Sponsors, Supporting Organisations, Exhibitors and Industry Stakeholders have made the Construction Innovation Expo (CIExpo) 2019 a success, co-promoted the continuous innovation development and raised the image of the Hong Kong construction industry.

CIExpo aims to provide an excellent knowledge sharing and business matching platform, with the vision to drive a new era in construction. With the industry contribution, the Hong Kong construction industry will showcase its achievements on construction innovation and transformation to the world.

贊助商 Sponsors

Platinum 白金

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广州建筑



明興水務
MING HING WATERWORKS

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機電工程署
EMSD



SIEMENS
Ingenuity for life



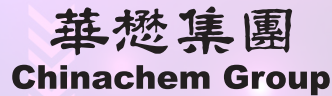
hkif Hong Kong Innovation
Foundation 香港創新基金

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Silver 白銀



Bronze 青銅



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支持機構 Supporting Organisations



香港特別行政區政府
運輸及房屋局

InvestHK



IFFO

HKMA Infrastructure Financing Facilitation Office
金管局基建融資促進辦公室



Meetings &
Exhibitions
Hong Kong



HONG KONG
HOUSING SOCIETY
香港房屋協會



港燈
HK Electric



香港房屋委員會
Hong Kong Housing Authority



香港建築業物料聯會有限公司
HONG KONG CONSTRUCTION MATERIALS
ASSOCIATION LIMITED



香港建築業分包商聯會
Hong Kong Construction Sub-Contractors Association



香港建築業承建商聯會
Hong Kong General Building Contractors Association



HKFEMC
香港機電工程商聯會



THE HONG KONG REGISTERED
CONTRACTORS ASSOCIATION
香港註冊承建商商會



REDA
THE REAL ESTATE DEVELOPERS
ASSOCIATION OF HONG KONG
香港地產發展商會



German Industry
and Commerce Ltd.
德國工商會有限公司



German Chamber of
Commerce Hong Kong
香港德國商會



The British
Chamber of Commerce
in Hong Kong
香港英商會

香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

AGS (HK)



澳洲建造師學會 (香港)



HKICM
Hong Kong Institute of
Construction Managers
香港營造師學會



The Hong Kong Institute of
Building Information Modelling
香港建築信息模擬學會



THE HONG KONG INSTITUTE OF
SURVEYORS
香港測量師學會



THE HONG KONG
INSTITUTION OF ENGINEERS
香港工程師學會



The Institute of Materials,
Minerals and Mining
HONG KONG BRANCH



香港城市大學
City University of Hong Kong



School of Architecture
THE CHINESE UNIVERSITY OF HONG KONG



ice
Institution of Civil Engineers



澳門建築業協會
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Department for
International Trade



westKowloon
西九文化區



香港建造商會
HKCA

CLP 中電

數碼港
Cyberport



Hong Kong Software
Industry Association
香港軟件行業協會

AAP

THE ASSOCIATION OF
ARCHITECTURAL PRACTICES
建築師事務所商會

The Association of Consulting Engineers of Hong Kong
香港顧問工程師協會



CIOB
THE CHARTERED INSTITUTE OF BUILDING



香港建築師學會
The Hong Kong Institute of Architects



珠海學院
CHU HAI COLLEGE
OF HIGHER EDUCATION



香港科技大學
THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY



Faculty of Engineering
THE UNIVERSITY OF HONG KONG



香港塔吊聯會有限公司
Hong Kong Tower Crane Association Limited



香港專業吊運聯會
Hong Kong Professional Hoisting Engineering Association



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POLYTECHNIC UNIVERSITY
香港理工大學

FACULTY OF CONSTRUCTION
AND ENVIRONMENT
建設及環境學院

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