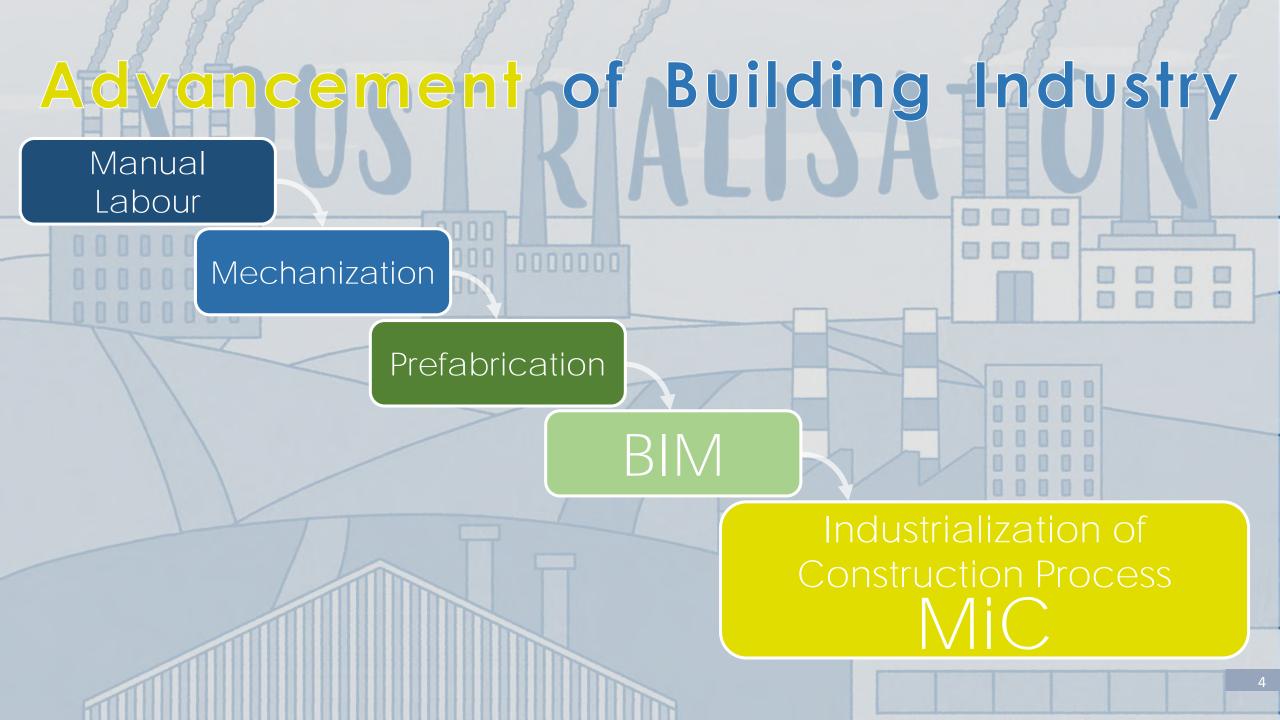


- 1. Journey to MiC
- 2. The Q-Camps
 - an imminent task to respond the HK COVID-19 crisis
 - Team Work
 - MiC Application
 - Logistics and Delivery
 - Design Considerations
 - Second Life
- 3. More MiC Projects & Studies
- 4. Collaboration & Facilitation
- 5. Forward Looking







Policy Address

"... the Government is proactively promoting the adoption of technology and innovative construction methods



2017 2018 ... 9.2018

Policy Address

"... make changes by implementing

"Construction 2.0"

advocating "Innovation", "Professionalisation" and "Revitalisation"..."



"Construction 2.0"

published



Construction 2.0

Time to change



Small-scale Projects with DfMA, etc.

2018 - 2019 ...





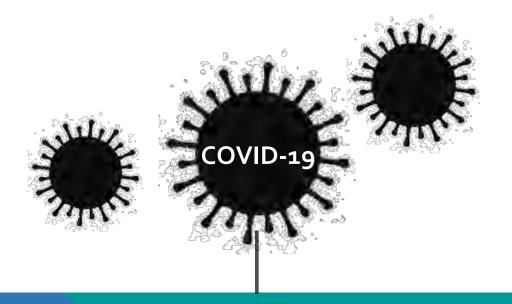




2018 - 2019



Public Sector



2019 2021 ...

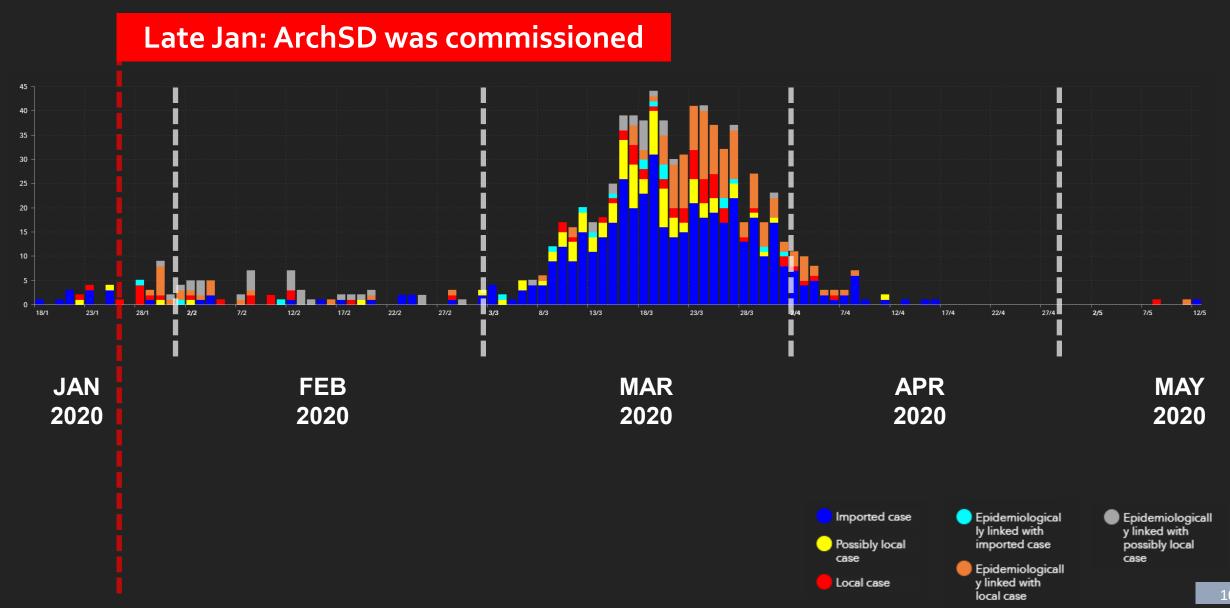






Private Sector





The New MiC Temporary Quarantine Camps 大糕灣 沙頭角 沙頭街道 Mirs Bay 南山街道 福田區 前海灣 船灣郊野公園 香港濕地公園 Hong Kong 招商街道 Wetland Park 八仙嶺 **\$10,880** 蛇口街道 FANLING 郊野公園 赤灣 LAM TSUEN PAT HEUNG JPC PERMANENT ACTIVITY LADY **CENTRE** 元朗 **MACLEHOSE** - EXISTING BLOCKS CHUN YEUNG HOLIDAY VILLAGE - OPEN PLAYGROUND **ESTATE** 西貢東 馬鞍山 PO LEUNG KUK JOCKEY **CLUB PAK TAM CHUNG** 西港黃金海岸 HOLIDAY CAMP HONG KONG 大欖郊野公園 GOLD COAST 滘西洲 JAO TSUNG-I 青衣 SAI KUNG OUTDOOR ACADEMY Tsing Y RECREATION CENTRE 香港 PENNY'S BAY (Ph 1) Hong Kong - by CEDD 8 赤鱲角 - by ArchSD PENNY'S BAY (Ph 2) LEI YUE MUN PARK - BASKETBALL COURT - FOOTBALL PITCH 大嶼山 南大嶼 香港島 書拝 **NEW QUARANTINE CAMPS** 郊野公園 **EXISTING QUARANTINE UNITS**

LEI YUE MUN PARK - BASKETBALL COURT



118 Units in Commencement: 3 Feb 2020 Completion: 28 Feb 2020 With 9,000 Man-days and 109,000 Man-hours

Main Contractor: China State Construction Engineering (Hong Kong) Ltd

Architectural Designer: China State Construction Int'l Medical Industry Dev. Co. Ltd.

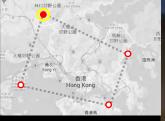




Main Contractor: China State Construction Engineering (Hong Kong)

Architectural Designer: China State Construction Int'l Medical Industry Dev. Co. Ltd.

JPC PERMANENT ACTIVITY CENTRE, PAT HEUNG





Main Contractor: Hip Hing Engineering Company Limited

Architectural Designer: Leigh & Orange Ltd.

SAI KUNG OUTDOOR RECREATION CENTRE



LWK + PARTNERS

PENNY'S BAY PHASE 1





Main Contractor: China State Construction Engineering (HK) Ltd.

Architectural Designer: Wong & Ouyang (HK) Ltd.



Commitment and Resolution

Design stage - Collaboration with professionals & technical experts



High Performing Team

Design and construction stage - Collaboration between project team, relevant government bodies and contractors





Fortitude, Robustnessand Compassion

Construction stage





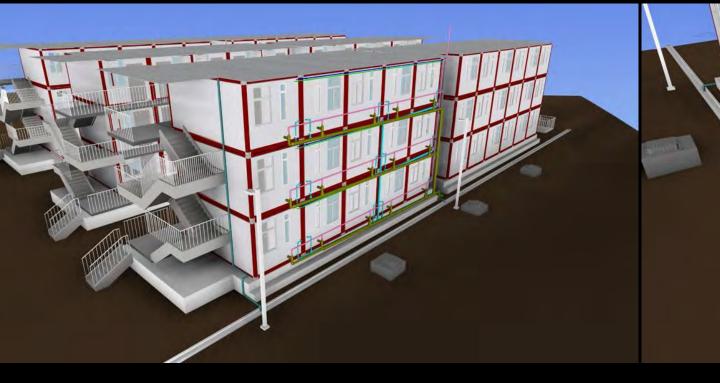
Fortitude, Robustnessand Compassion Construction stage

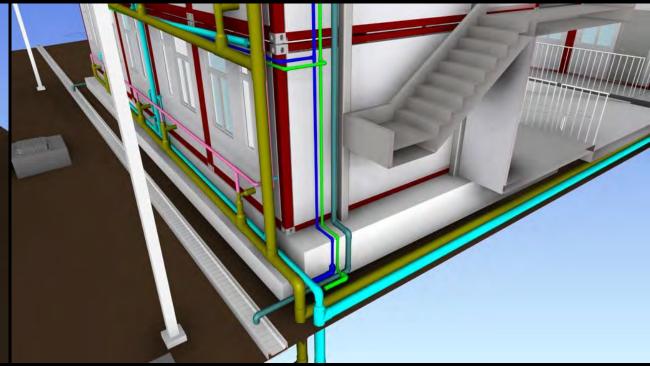






BIM







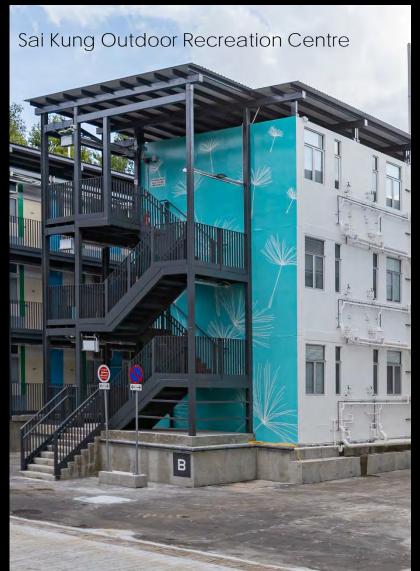
MiC delivery route SIKKIM Bhutan GUIZHOU HUNAN JIANGXI ASSAM NAGALAND FUJIAN MEGHALAYA MANIPUR YUNNAN Bangladesh ~ Taiwan GUANGDONG GUANGXI TRIPURA NGAL MIZORAM Myanmar (Burma) Laos Philippine Sea HAINAN Luzon Thailand South China Sea Vietnam Cambodia Project **Factory Location** Contractor Andaman Sea Lei Yue Mun Park China, Foshan China State Hong Kong Thailand China, Zhuhai Pat Heung JPC Permanent Activity Centre Hip Hing China, Jiangmen China, Huizhou Penny's Bay China Harbour China, Zhuhai KEDAH China, Zhaoqing PENANG TERENGGANU ACEH Sai Kung Outdoor Recreation Centre Paul Y Malaysia Celebes Sea NORTH KALIMANTAN Google



Health & Hygiene Consideration



Graphic Design Consideration

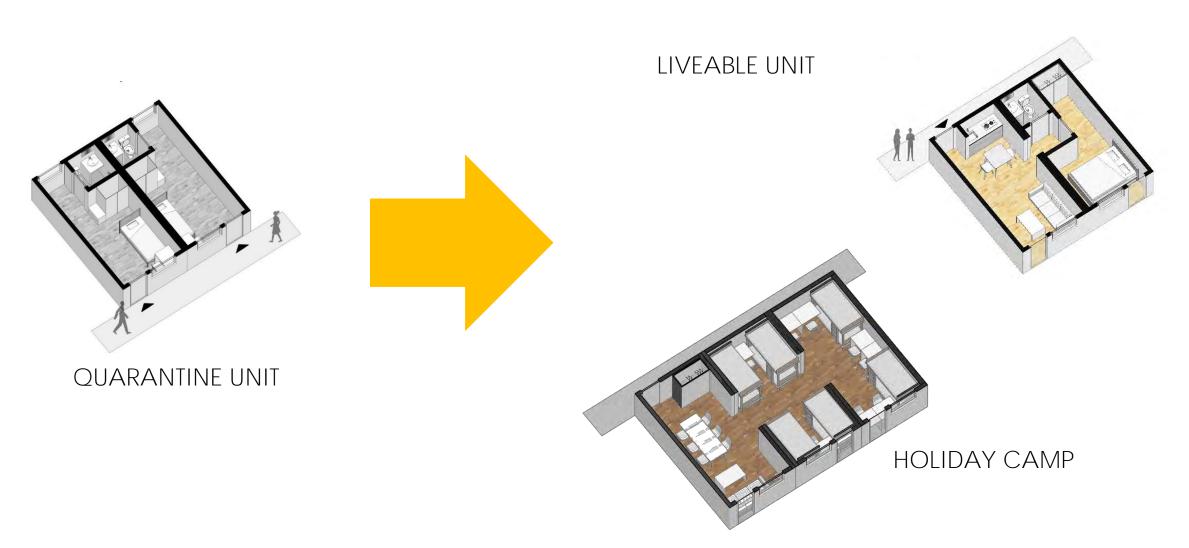


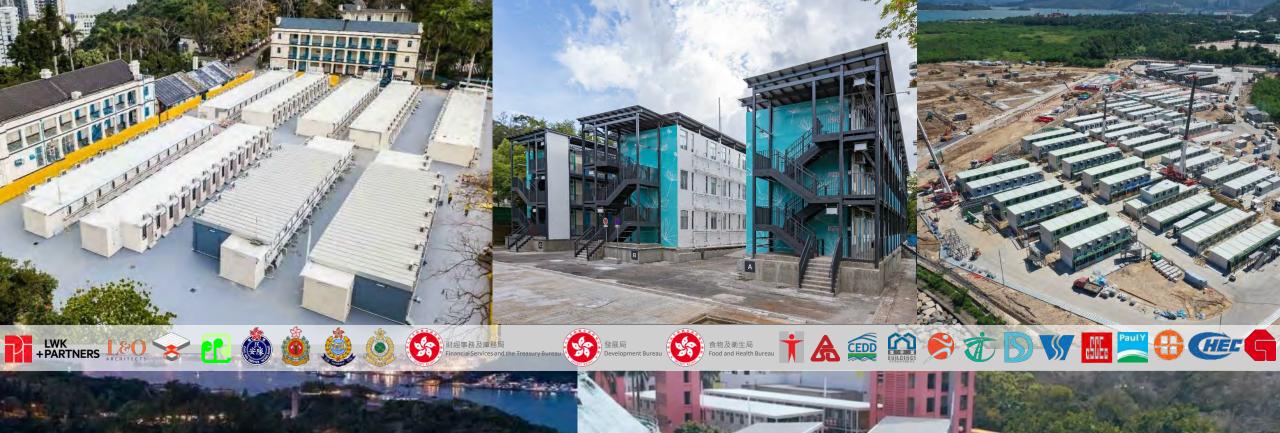






Possibilities Such as...













Residential Care Home for the Elderly, KTN. under construction





modu

Total: ~660





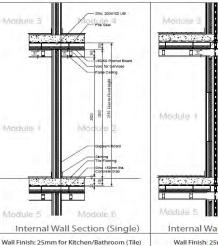


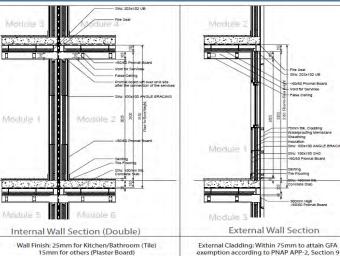
Study on MiC in Government Quarters











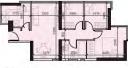
Apex House, Wembley - Courtesy of HTA Design LLP

Architectural Services Department

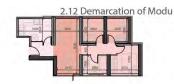
ARCHITECTURAL SERVICES DEPARTMENT ACADEMY SESSION

Study on Modular Integrated Construction (MiC) in **Government Quarters**

> 10 January 2019 [Revision 2]

























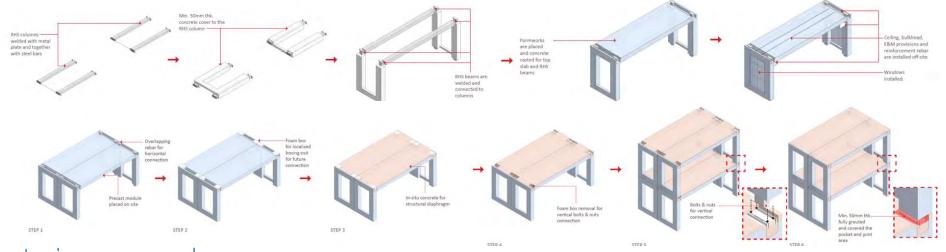


Study on MiC in School Projects



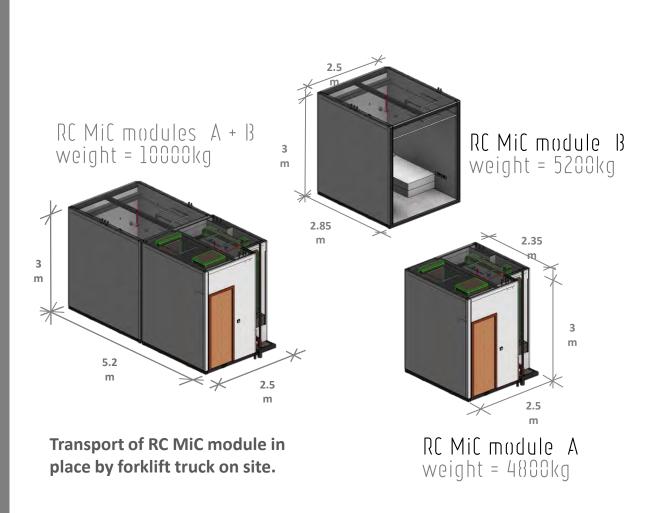


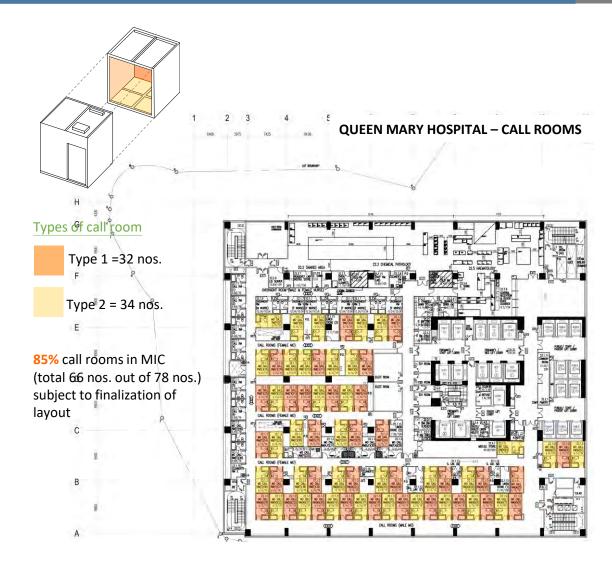
Joint Mockup



Industrialised Manufacturing procedures

Upcoming Study on MiC in Hospital Projects







"Open Door" Sharing









Visits / Tours













Symposiums / Conferences





Collaboration with Construction Industry



