

Organisations Category

Project Owner (Public Sector)

Merit Award

Architectural Services Department,
the Government of the Hong Kong Special Administrative Region, China



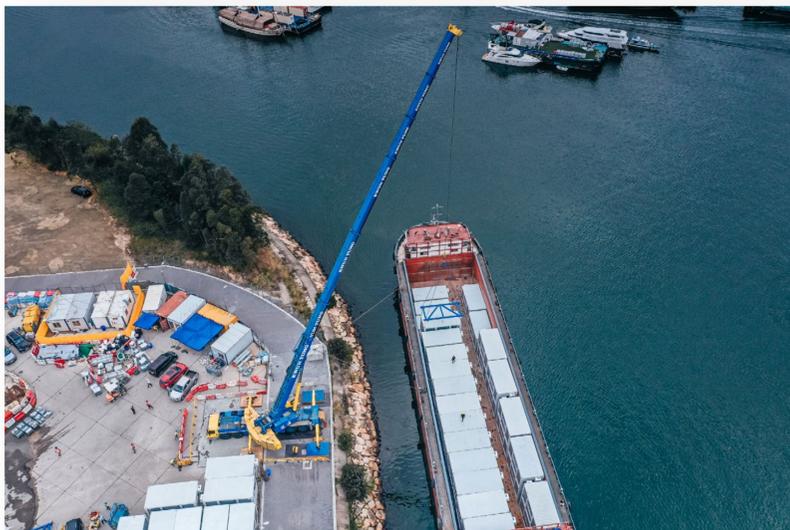
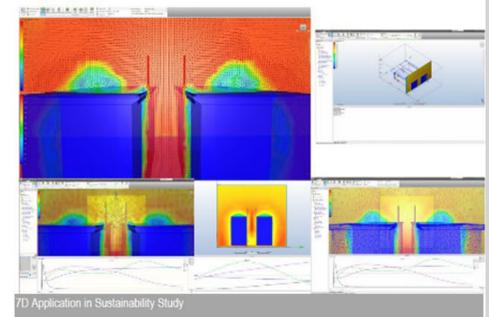
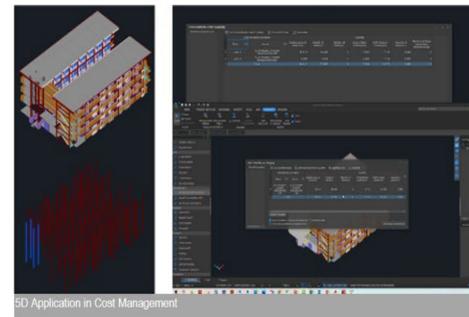
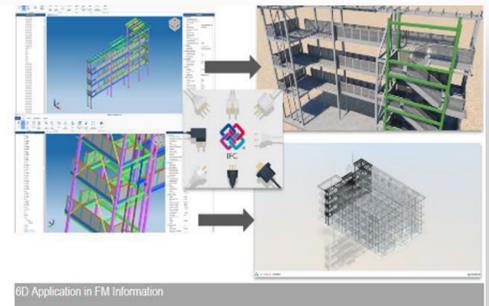
Penny's Bay Community Isolation Facility (Phase 5 & 6), Lantau Island, New Territories and Kai Tak Community Isolation Facility (Phase 1, 2 & 3)

Penny Bay Community Isolation Facilities (PBCIF) and Kai Tak Community Isolation Facilities (KTCIF) are two of the biggest CIFs in Hong Kong providing more than 10,000 MiC isolation units to meet the urgent demand in isolation facilities during the 5th wave of epidemic in 2022.

To complete the project in a tight programme, various innovative technologies, MiC, MiMEP and DfMA was extensively used. Materials were carefully selected so that the quality, safety and sustainability of the works was not compromised.

Sustainable Best Practice 1

The total carbon emissions for application of MiC and MiMEP during construction is around 46,000 tCO₂e, which the carbon reduction is almost 20% while comparing with conventional construction.



Sustainable Best Practice 2

The MiC units and prefabricated components were transported via vessels or railway in bulk to save fuel consumption.