

Hong Kong Construction Industry

The actual construction expenditure in 2018 was about

HK\$250 billion

which contributed to around of the Hong Kong GDP.

5%

The construction industry employed about

350,000 persons, which was accounted for

about 9% of the Hong Kong working population.





Quality Assurance Implementation —— Sustainable **Professional Efficient** Responsible The Chnology Experience CONSTRUCTION **INDUSTRY COUNCIL**

建造業議會

Faster Safety

3D INDUSTRY...







DIRTY

DULL





INDUSTRY TRANSFORMATION

```
PUBLIC FUNCTIP (TVARIABLE($NAME, $VAR));

PUBLIC FUNCTION GETHTML($TEMPLATE);

CLASS TEMPLATE IMPLEMENTS ITEMPLATE

PRIVATE $VARS = ARRAY();

PUBLIC FUNCTION SETVARIABLE($NAME, $VAR)

{
   $THIS->VARS($NAME) = $VAR;
}

PUBLIC FUNCTION GETHTML($TEMPLATE)

{
   FOREACH($THIS->VARS AS $NAME => $VAB
```









Dr. John Keung shared a lecture entitled "Changing the Way We Build" organized by the Centre for Liveable Cities on 28 July 2017

- Moving very hot, dusty, messy, unfavorable on-site process to an offsite sheltered factory
- O2 Changing the construction industry into a manufacturing industry
- 03 Build as much as possible in a factory
- **04** Do as little as possible on site
- 05 Intent to achieve a quantum leap in productivity
- **06** DfMA covers the entire chain



www.youtube.com/watch?v=gymE065XbNo





Disciplined Services Quarters for the Fire Services Department

> Pak Shing Kok, Tseung Kwan O



Science Park







Social Housing Project Kwai Chung





Student Residence
Wong Chuk Hang



Housing for the Elderly

Jat Min Chuen,

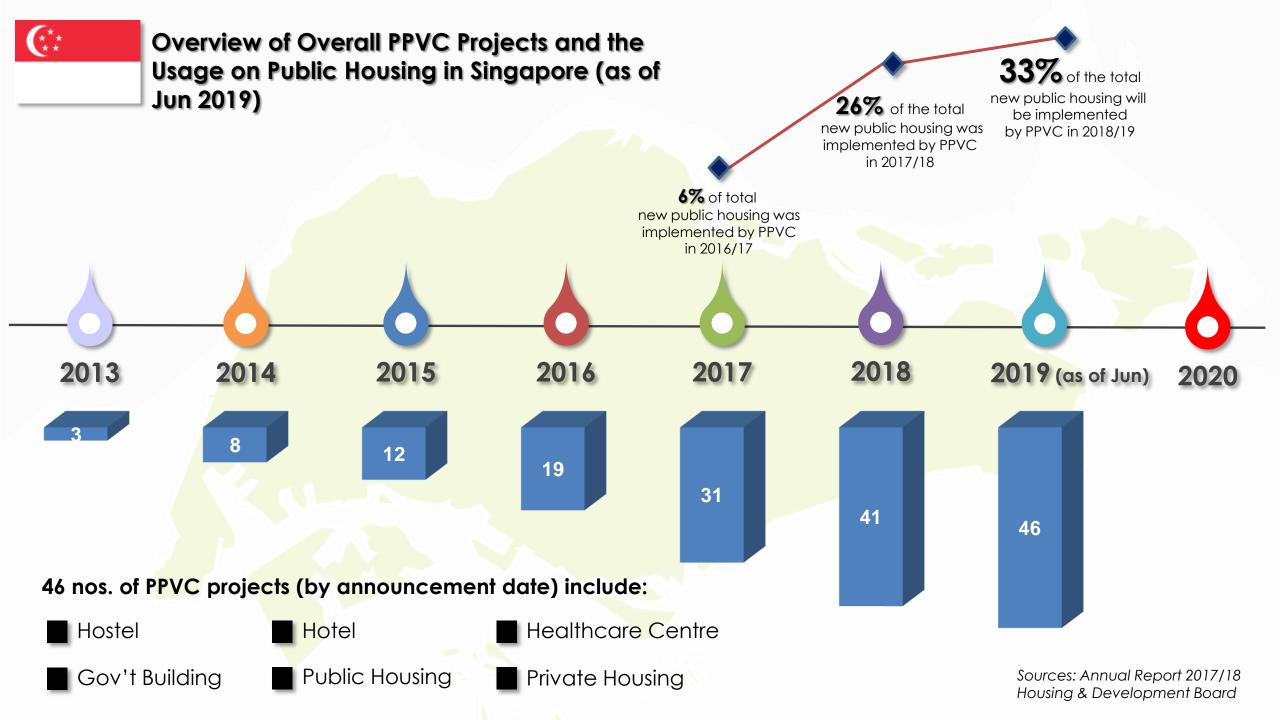
Shatin







Social Housing Project Sham Shui Po



MICIDISPLAYENTRE

展覽區RE

EXHIBITION AREA

旅舍

HOSTEL



HOTEL EI

長者之家

ELDERLY HOME

一房/三房住宅單位

1-BEDROOM / 3-BEDROOM RESIDENTIAL FLAT











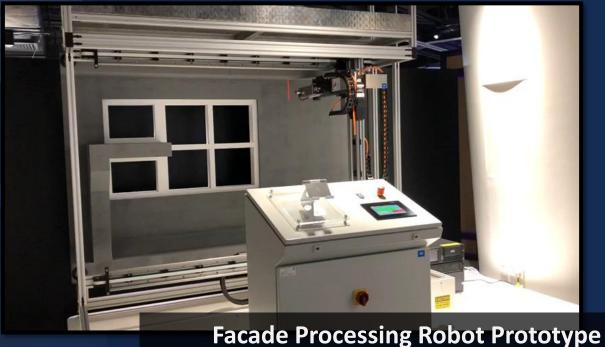


Construction Innovation and Technology Application Centre 建造業創新及科技應用中心



- Industrialisation 工業化
- Informatisation 信息化
- Intelligentisation 智能化
- Integration一體化
- Infinity 無限化

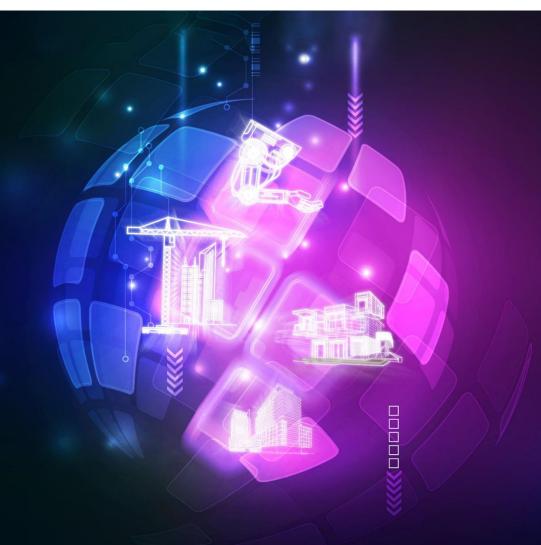












2019 建造創新博覽會 CONSTRUCTION INNOVATION

2019.12.17-20

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先進技術及材料

Advanced Technologies & Materials









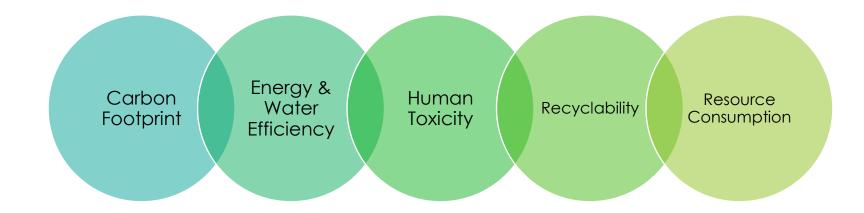


CIC Green Product Certification

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A leading building and construction materials certification scheme and it considers various aspects:





Scope





Function



Carbon Measurement for Material and Site Impact



Facilitate Lowcarbon Design



Performance Benchmarking



Over 100 pilot projects from public and private sectors



THANKYOU YOU ::