

# Building Hong Kong into a Sustainable and Liveable City

*Presentation by*

**Matthew Cheung Kin-chung**

Chief Secretary for Administration

Hong Kong Special Administrative Region Government  
on 5 June 2017



# Hong Kong at a Glance

- Land Area 1,110 km<sup>2</sup>
- Population 7.3 million
- Density 27 330 persons/km<sup>2</sup>



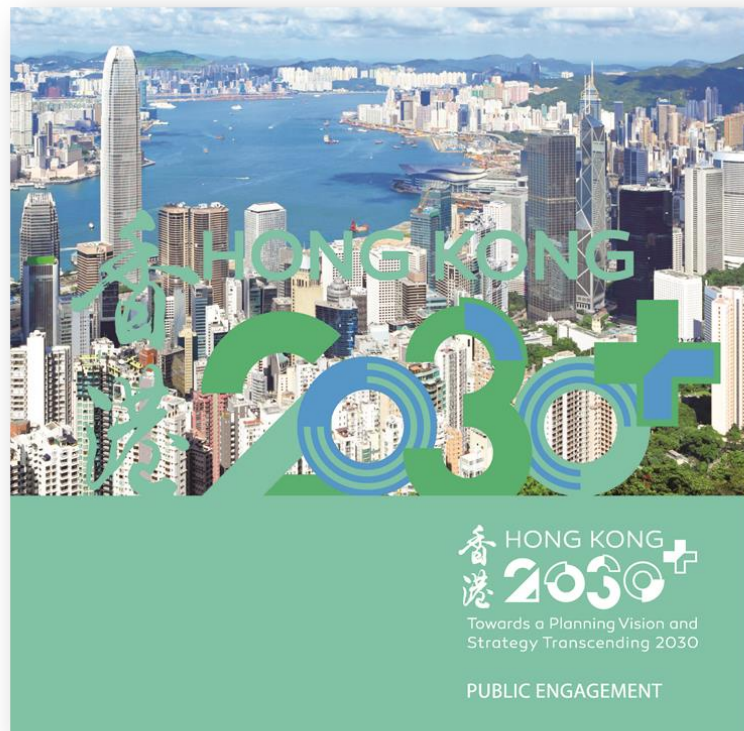
**Built-up area**  
takes up  
only **24%** of land

**Woodland /  
Shrubland /  
Grassland / Wetland**  
take up **66%** of land

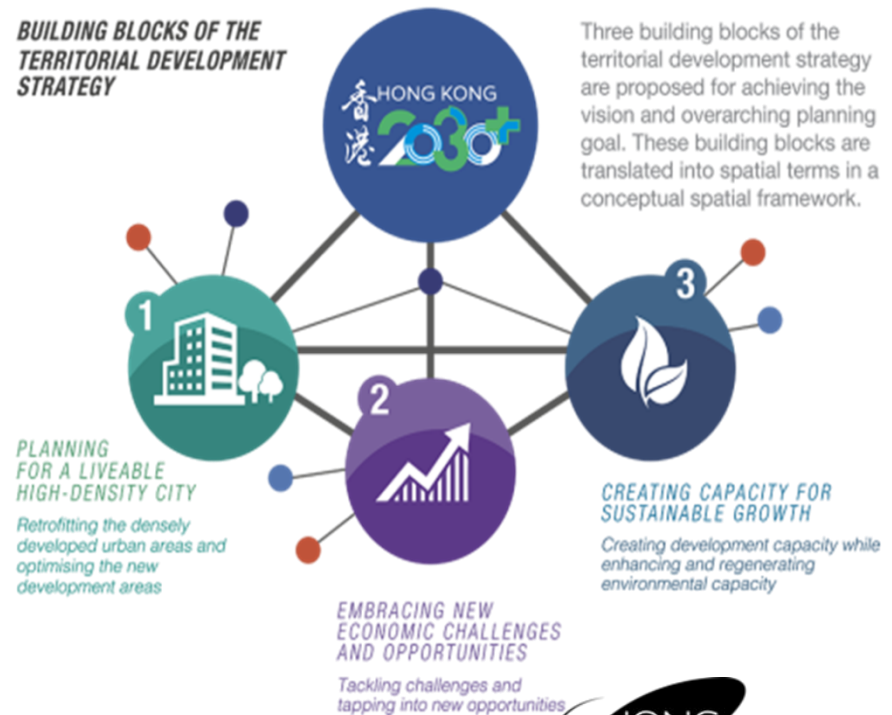
# Enhance Liveability – Hong Kong 2030+

## Strategic Plan 2030+

to guide Planning, Land and Infrastructure Development



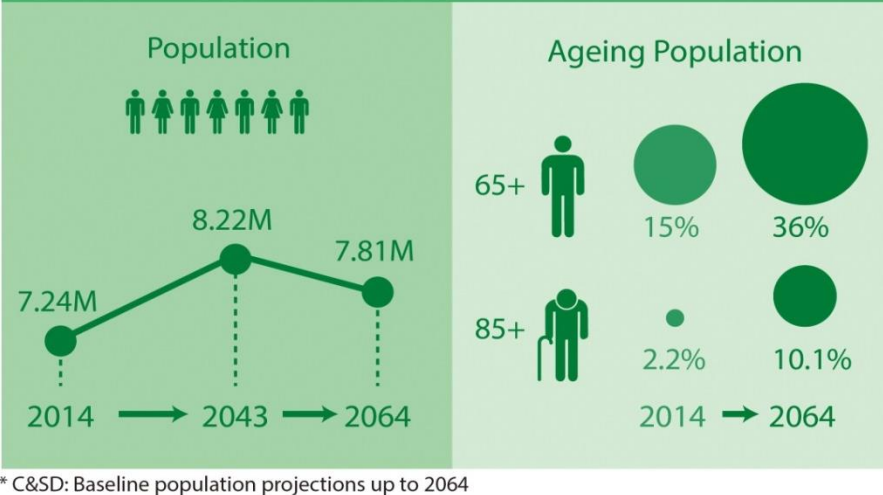
### BUILDING BLOCKS OF THE TERRITORIAL DEVELOPMENT STRATEGY





# Enhance Liveability – Solution Space

Population (2014-based)\* +0.98M (0.4% p.a.) 2014 - 2043



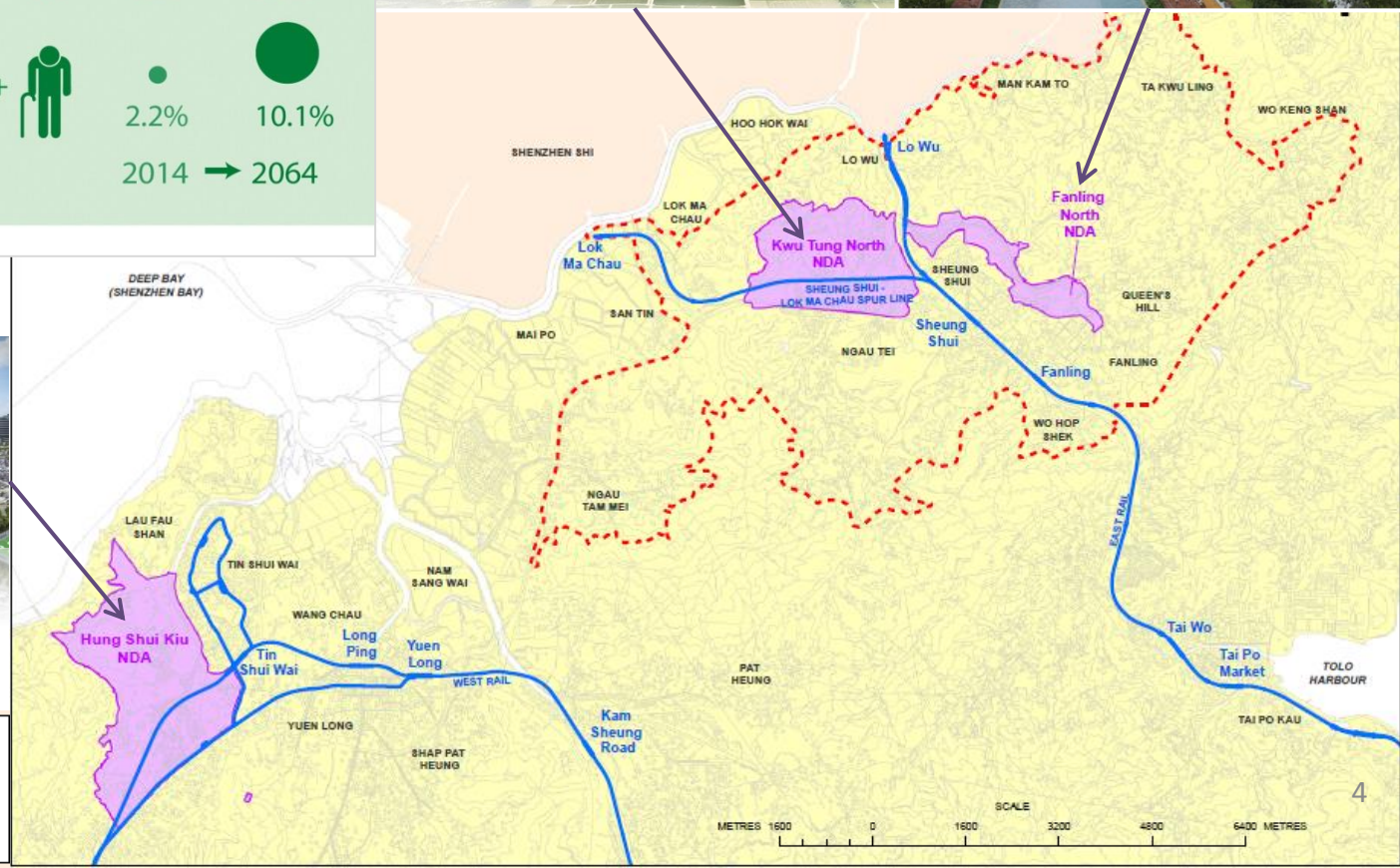
Kwu Tung North New Development Area



Fanling North New Development Area



\* C&SD: Baseline population projections up to 2064



## Enhance Liveability – Ten-year Housing Programme

- **Target (2016-17 to 2025-26) – 460 000 units**  
(60% public : 40% private)
- **Public housing supply target – 280 000 units**  
(200 000 public rental housing units  
+ 80 000 subsidised sale flats)
- Projected supply of **96 000 flats** in the **primary private residential** property market in the **coming 3-4 years**



# Enhance Liveability – Urban Renewal

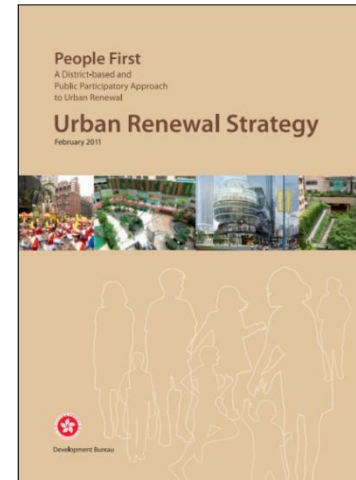
## 2011 Urban Renewal Strategy

### ■ Redevelopment

- 62 redevelopment projects implemented  
712 buildings involved
- 12 100 households rehoused / compensated  
27 500 populations benefited

### ■ Rehabilitation -

- “Smart Tender” Building Rehabilitation Facilitating Services Scheme
  - Earmarked **HK\$300 million** (US\$ 39 million)
  - 4 500 buildings next 5 years



# Enhance Liveability – Ten-year Hospital Development Plan

- **HK\$200 billion** (US\$25.8 billion)
- **New** Acute Hospital  
at the Kai Tak Development Area
- **Redevelopment of 11 hospitals**
  - Kwong Wah Hospital
  - United Christian Hospital
  - Queen Mary Hospital
  - Kwai Chung Hospital
  - Prince of Wales Hospital
  - Haven of Hope Hospital, etc.

Redevelopment of Kwong Wah Hospital



**5,000**  
**(+18%)**



**Hospital  
Beds**

**90**  
**(+40%)**



**Operating  
Theatres**

**3.2 million**  
**(+40%)**



**Specialist  
outpatient  
attendance**

**410 000**  
**attendances**



**General  
outpatient  
attendance**

## Enhance Liveability – Public Private Partnership

### ■ Private Hospital Development

- **New** (2017) : Gleneagles Hong Kong Hospital (**500 beds**)
- Development of a non-profit-making private hospital by the Chinese University of Hong Kong
  - a loan of **HK\$4 billion** (US\$512 million)



### ■ Public-Private Partnership Fund

- **HK\$10 billion** (US\$1.3 billion) allocated to Hospital Authority

### ■ Special Scheme on Privately Owned Sites for Welfare Uses

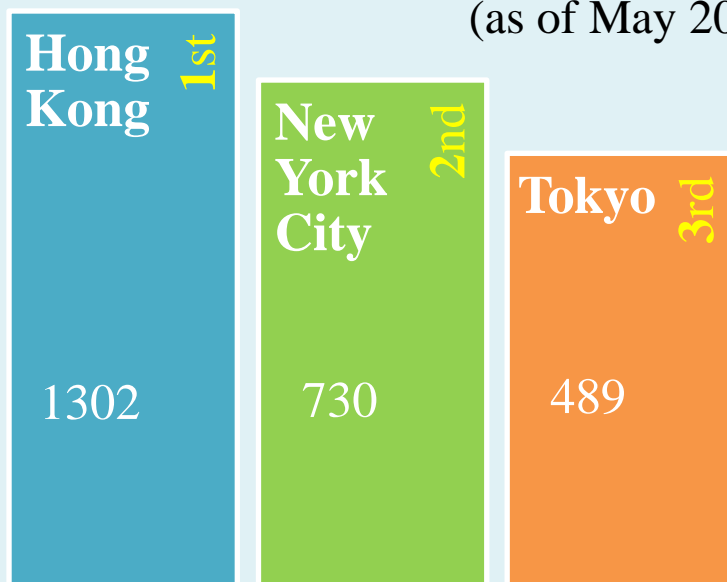
- additional **HK\$10 billion** (US\$1.3 billion) to Lotteries Fund
- partner with **40 NGOs** for over **60 projects**
- **9 000** additional elderly services places
- **8 000** rehabilitation service places



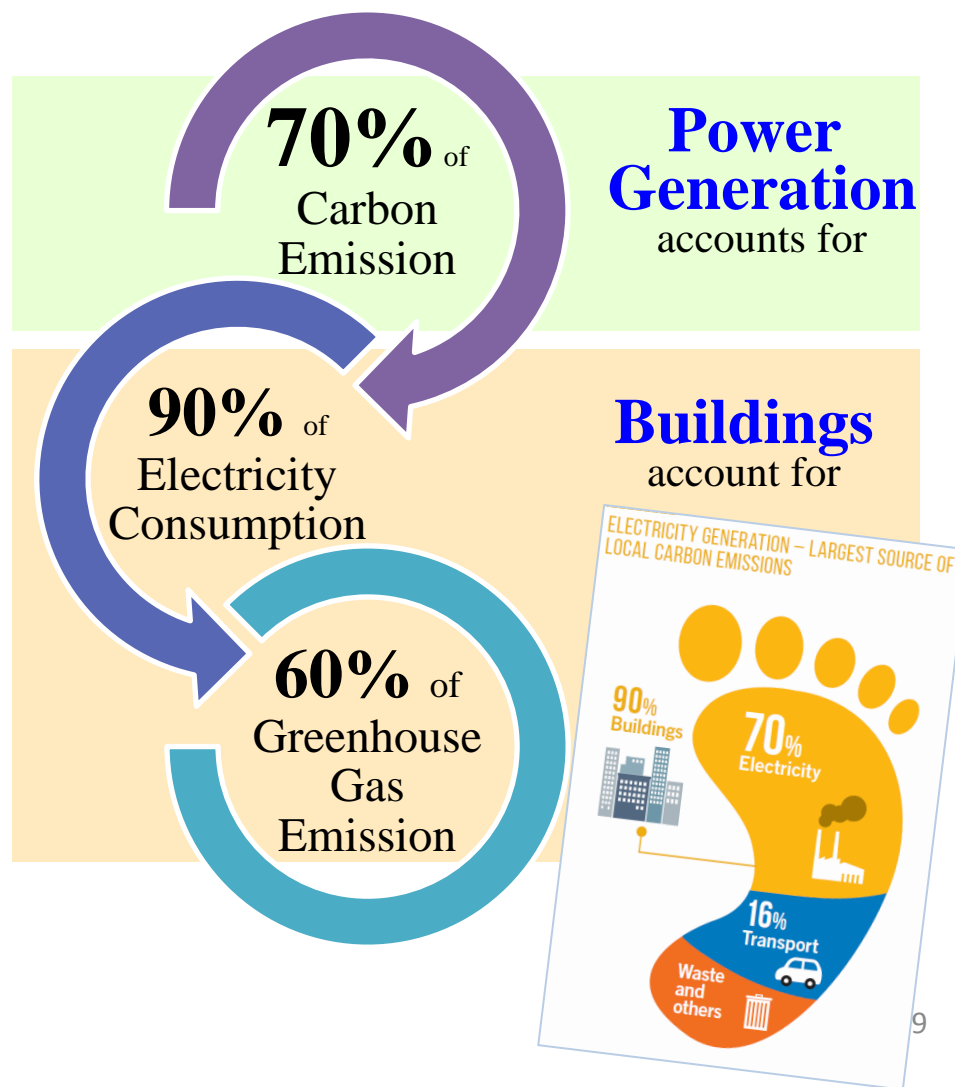
# Promote Sustainable Development – Green Building

## City with the most skyscrapers

(as of May 2017)



\*source: Emporis Research



# Promote Sustainable Development – Green Building (cont'd)

## ■ Regulations and Guidelines

- BEEO, OTTV standard, RTTV standard
- Sustainable Building Design Guidelines

## ■ Lead by Example (8 000 Government buildings)

- Energy Use reduced by 15% from 2003 to 2014
- Further 5% reduction by 2020
- 100 government projects registered BEAM Plus

## ■ Participation by Private Buildings

- 25 million m<sup>2</sup> and 10 million m<sup>2</sup> floor space registered and certified under BEAM Plus respectively

## ■ Incentives - GFA Concession

- ~ 800 private projects registered BEAM Plus





# Promote Sustainable Development – Green Space

Sunset Peak, Mai Po



Mai Po Nature Reserve

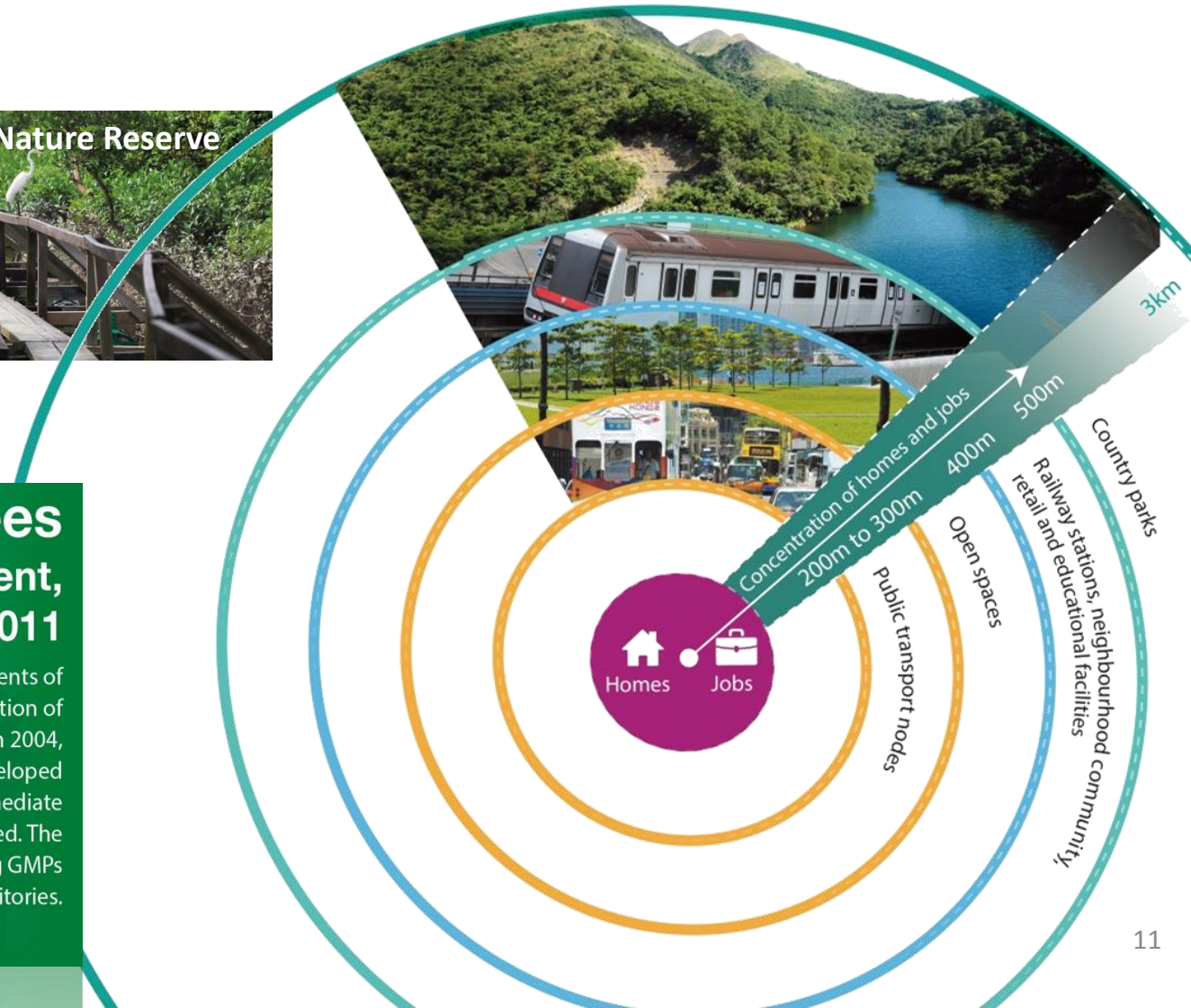


Lamma Island



**18.8M trees  
planted by the Government,  
2001-2011**

Urban design and landscaping are key components of a quality urban environment. Since the inception of the Greening Master Plan (GMP) programme in 2004, the GMPs for the urban areas have been developed and the greening works recommended for immediate implementation have been completed. The Government is currently developing GMPs for the New Territories.





# Promote Sustainable Development – Arts & Cultural Hardware

## **West Kowloon Cultural District**

long-term strategic investment  
in cultural hardware –

- **40 hectares** reclaimed land
- **23 hectares** public open space
- **2 km** of vibrant  
harbour-front promenade



Variety of arts & cultural facilities

- **M+ Pavilion** (in operation)
- **Xiqu Centre** (late 2017)
- **Art Park** (from 2018 in stages)  
– Freespace with a black box theatre  
and an outdoor stage
- **M+ Building**: 60 000 sq.m. (2018)
- **Lyric Theatre Complex** (2021)





# Promote Sustainable Development – Sports Park

## Kai Tak Sports Park

(28 hectares of land)

- Expected completion in 2022
- Main stadium : **50 000 seats**
- Public sports ground : **5 000 seats**
- Multi-purpose indoor sports centre with playing surface of **30 standard badminton courts**
- Large **landscaped park** for public enjoyment

**2017/18 Budget : HK\$20 billion**  
(US\$2.6 billion)

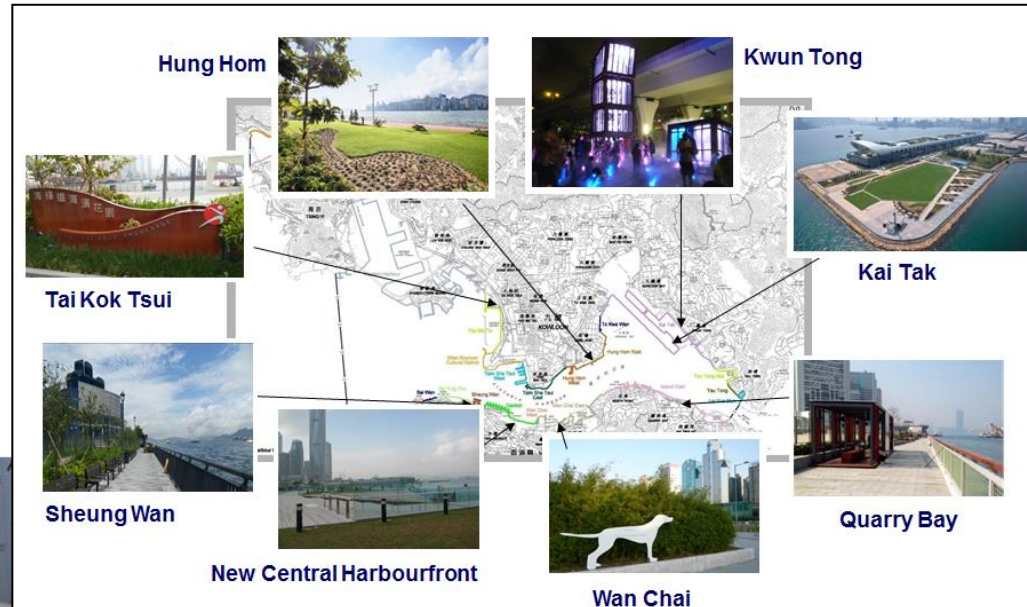
- **26** sports and recreational facilities in different districts in **next 5 years**





# Promote Sustainable Development – Leisure

## Harbour-front Enhancement



## Central Harbour-front

- Hong Kong Observation Wheel
  - Attracted **over a million** visitors
  - A new landmark on Hong Kong Island's coastline
- Event Space : hosted **185 events**



# Seize New Opportunities – Belt and Road Initiative and Bay Area

## Belt and Road Initiative

- Coverage
  - Over 60 nations
  - 4.4 billion people
  - 30% of global economic value
- Direct investment from China to Belt and Road Countries in 2016 : **HK\$112 billion** (US\$14.5 billion)

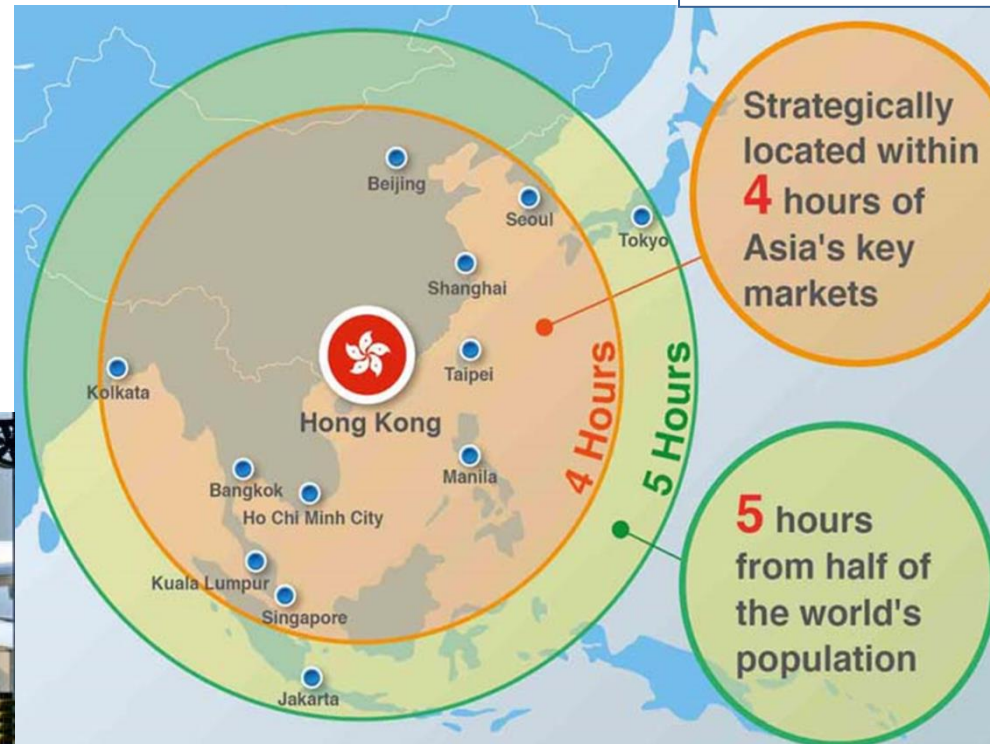


## Guangdong-Hong Kong-Macao Bay Area

- 11 cities
- 66 million population

# Seize New Opportunities – Cross-boundary Infrastructure

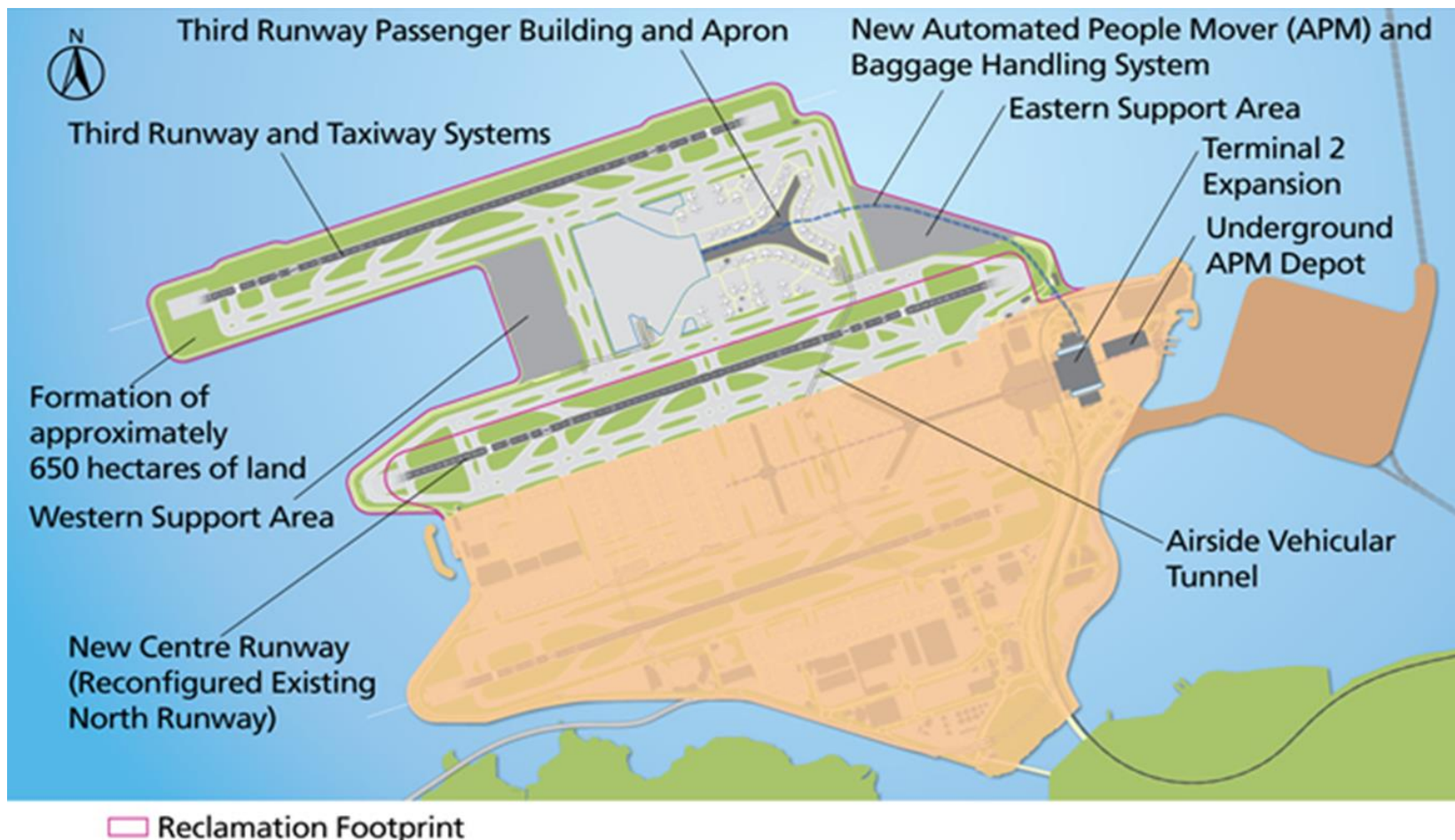
- **1<sup>st</sup> in infrastructure for 7 years since 2010**  
(World Economic Forum – Global Competitiveness Report)
- **Busiest cargo airport in past 7 years**
- **3<sup>rd</sup> busiest international passenger airport**
  - around 1 100 flights/day
  - over 100 Airlines
  - about 190 destinations worldwide (incl. some 50 cities in China)





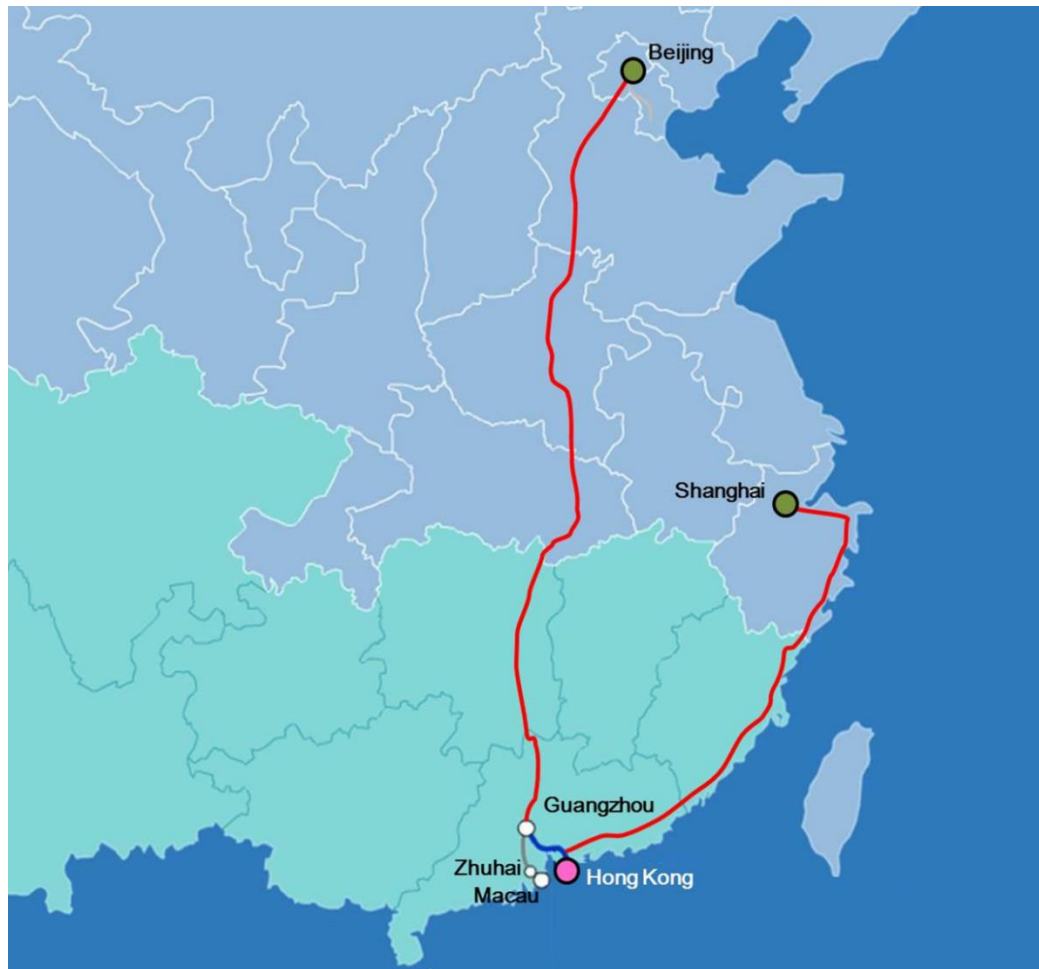
# Seize New Opportunities – Cross-boundary Infrastructure (cont'd)

## ■ HK International Airport - Third Runway project





## Seize New Opportunities – Cross-boundary Infrastructure (cont'd)



- **Express Rail Link (XRL)**
  - **50 minutes to Guangzhou**
  - **8 hours to Shanghai**
  - **10 hours to Beijing**

## Seize New Opportunities – Local Infrastructure

- Transport sector accounts for **17% of carbon emission**
- Public transport: **over 12 million trips daily**  
(~90% of passenger trips)



# Railway Network by 2021

KTE - Kwun Tong Line Extension

SCL - Shatin to Central Link

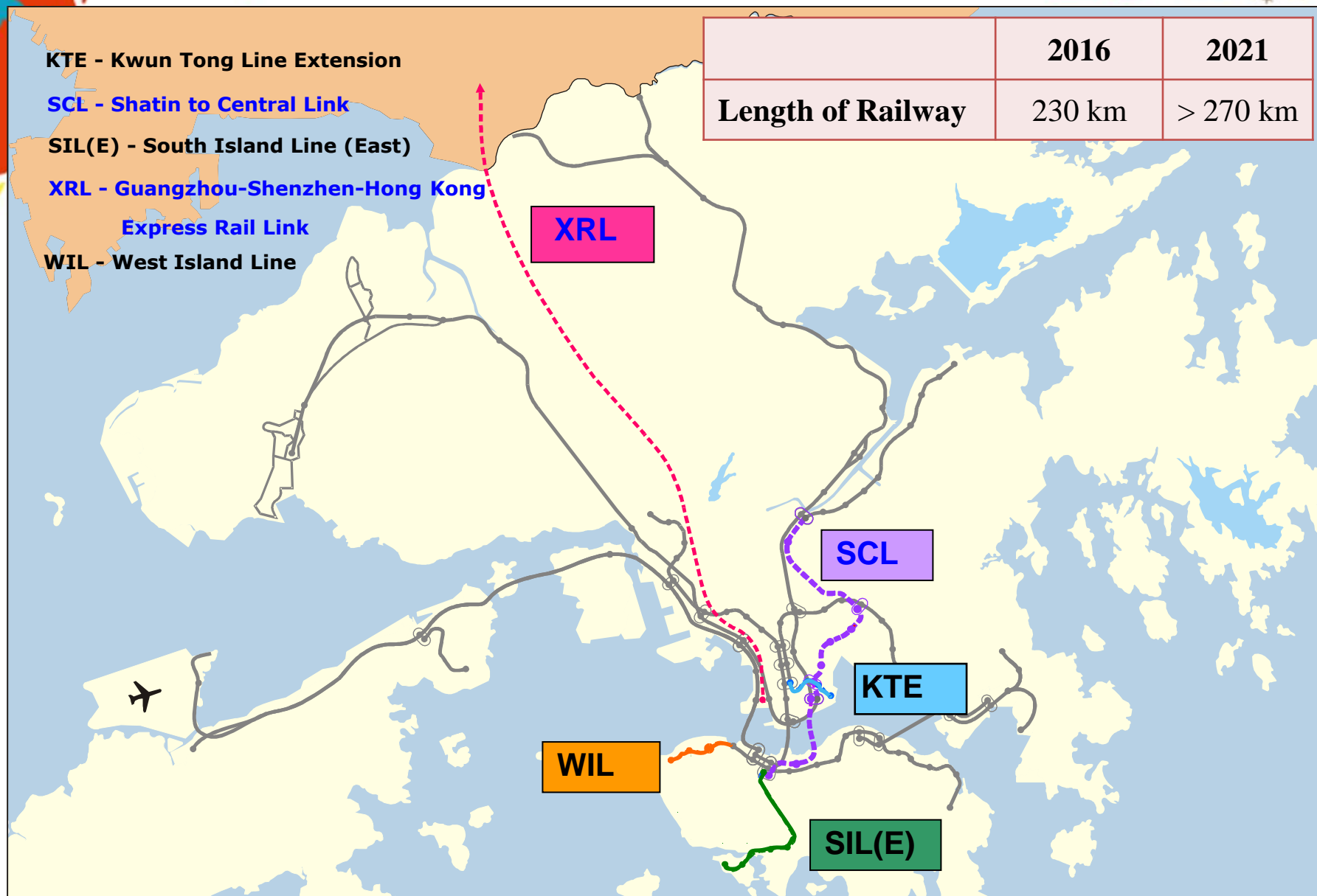
SIL(E) - South Island Line (East)

XRL - Guangzhou-Shenzhen-Hong Kong

Express Rail Link

WIL - West Island Line

	2016	2021
Length of Railway	230 km	> 270 km





# Railway Development Strategy 2014



# Seize New Opportunities – Local Infrastructure (cont'd)

- **Bus routes rationalisation** (since 2013)
  - 31 bus routes cancelled/ merged
  - 290 routes truncated/ frequency reduced
- Promote **walkability**
- **Bicycle-friendly** environment
- **Easy access to public transport and facilities**





# Seize New Opportunities – Innovation & Technology

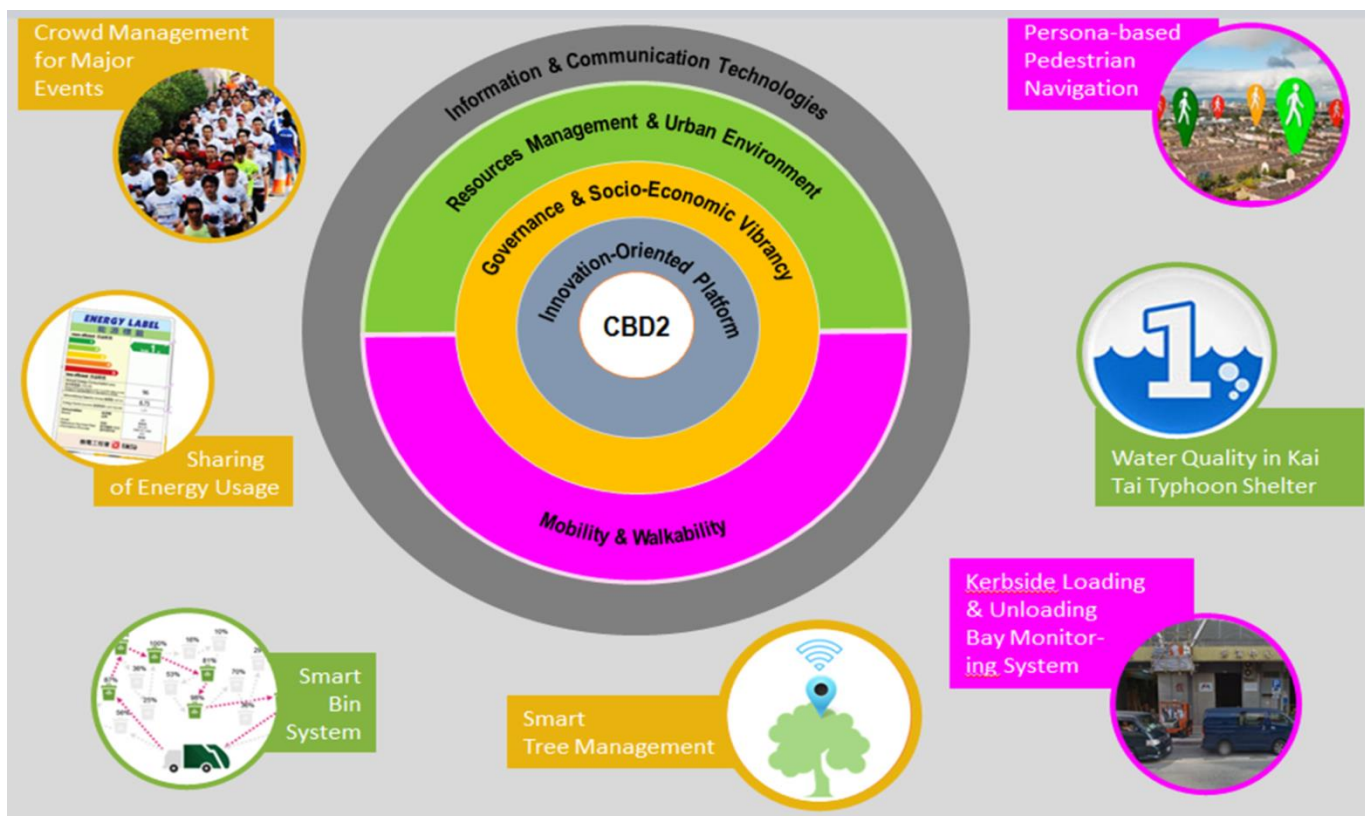
- **Innovation and Technology Bureau**
- **Science Park Expansion** (70 000 m<sup>2</sup>)
  - **HK\$4.4 billion** (US\$ 560 million)
- **Advanced Manufacturing Centre and a Data Technology Hub in TKO**
  - **HK\$8.2 billion** (US\$1.1 billion)
- **Financial Support**
  - **HK\$2 billion** (US\$260 million)  
I&T Venture Fund
  - **HK\$500 million** (US\$64 million)  
I&T Fund for Better Living
  - **2017/18 Budget:**  
**HK\$10 billion** (US\$1.3 billion)  
earmarked for I&T development
  - More R&D funding for universities



- **MIT Innovation Node**
- First overseas research centre of **Sweden's Karolinska Institutet** at the Science Park – **Ming Wai LAU Centre for Reporative Medicine**

# Seize New Opportunities – Moving towards Smart and Low Carbon City

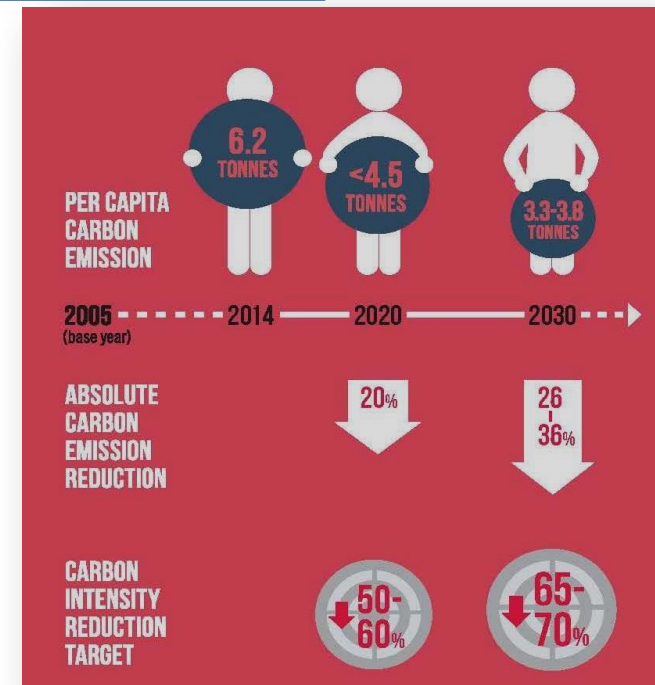
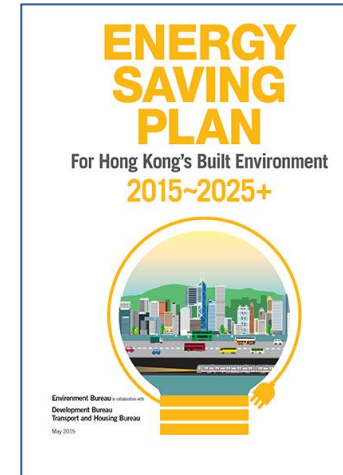
- **Kowloon East** as the testing ground
- **Smart City Development Blue Print**  
(short, medium and long term actions up to 2030)





# Combating Climate Change

- Steering Committee on Climate Change
- Energy Saving Plan 2015~2025+ (2015)
  - Reduce 40% energy intensity\* by 2025 (*compare with 2005 level*)
- Hong Kong's Climate Action Plan 2030+ (2017)
  - New Target: Reduce carbon intensity by 65% to 70% up to 2030 (*compare with 2005 level*)



We will continue to  
develop **Hong Kong** into  
a **sustainable** and **liveable**  
**Asia's World City!**

