



**Office of the Government Chief Information Officer**  
The Government of the Hong Kong Special Administrative Region



# Smart City Blueprint for Hong Kong

7 March 2018



# Smart City Vision

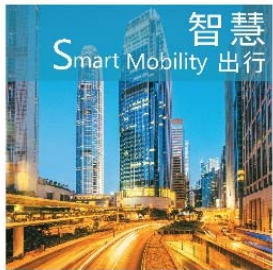
*Embracing innovation and technology to build a world-famed Smart Hong Kong characterised by a strong economy and high quality of living*



# Smart City Mission

- To make people happier, healthier, smarter and more prosperous, and the city greener, cleaner, more livable, sustainable, resilient and competitive
- To enable the business to capitalise on Hong Kong's renowned business-friendly environment to foster innovation, transform the city into a living lab and test bed for development
- To provide better care for the elderly and youth and foster a stronger sense of community. To make the business, people and Government more digitally enabled and technology savvy
- To consume fewer resources and make Hong Kong more environmental friendly, while maintaining its vibrancy, efficiency and livability

# Smart City Development Plans



# Smart Mobility



# Smart Mobility



Smart Airport



Public Transport Interchanges (PTIs) / Bus Stops and Parking



Environmental Friendliness in Transport



Intelligent Transport System and Traffic Management



# Smart Living



# Smart Living

## Wi-Fi Connected City



## Digital Payment



## eID



**Support for  
the Elderly and  
Persons with Disabilities**



**Support  
for Healthcare**



# Smart Environment



# Smart Environment



Climate Action  
Plan 2030+



Pollution Monitoring



Waste Management

Green and Intelligent  
Buildings, and Energy  
Efficiency



# Smart People



# Smart People

**Nurturing Young Talent**



**Innovation and  
Entrepreneurial Culture**

# Smart Government



# Smart Government

## Smart City Infrastructure

- 5G
- eID
- Smart lampposts
- Big data analytics platform
- Government cloud infrastructure platform
- Cyber security



## Open Data



## Adoption of Technology



- Technology adoption by government
- BIM
- CSDI

# Smart Economy



# Smart Economy

Strengthen the current pillars by leveraging innovation and technology

- Fintech
- Smart Tourism



Develop new economic pillars

- Promote R&D and re-industrialisation



Promoting Sharing Economy

- Review existing legislation and regulations





# eID for All Hong Kong Residents

A key **digital infrastructure** for **smart city development** and **digital government transformation**



- access to digital government services
- application / form submission
- facilities booking
- enquiry and complaint
- personalised information / notifications
- location-based information

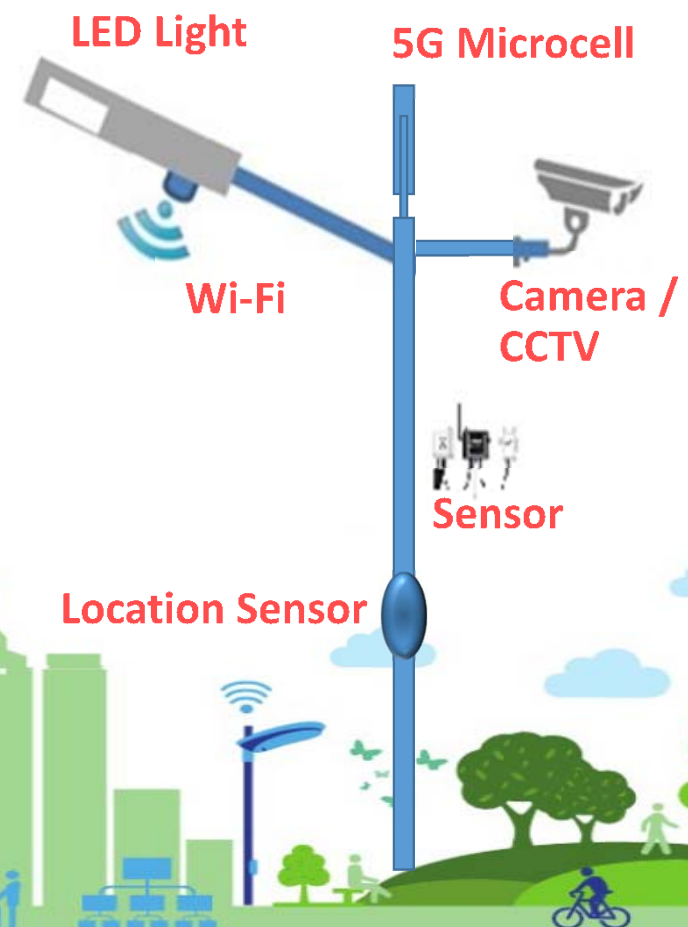
WHAT  
NEXT

- e-banking
- e-commerce
- e-MPF
- Integrated commercial services

Login  
with eID

# Pilot Multi-functional Smart Lampposts Scheme

- 400 lampposts in 4 districts
- City data to be collected:
  - Meteorological and related weather data
  - Traffic
  - Environment
- Telecom services:
  - Wi-Fi access point
  - 5G Microcell
- Other service:
  - Location sensor



# Reform Development Technology of e-Government Systems & Big Data Analytics Platform



# Public-Private Partnership



# Smart Region Living Lab



# Governance



# Smart Hong Kong: Embarking a New Journey



Innovation and Technology Bureau  
Office of the Government Chief Information Officer



Link to download Blueprint:  
[https://www.smartcity.gov.hk/doc/HongKongSmartCityBlueprint\(EN\).pdf](https://www.smartcity.gov.hk/doc/HongKongSmartCityBlueprint(EN).pdf)

