



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

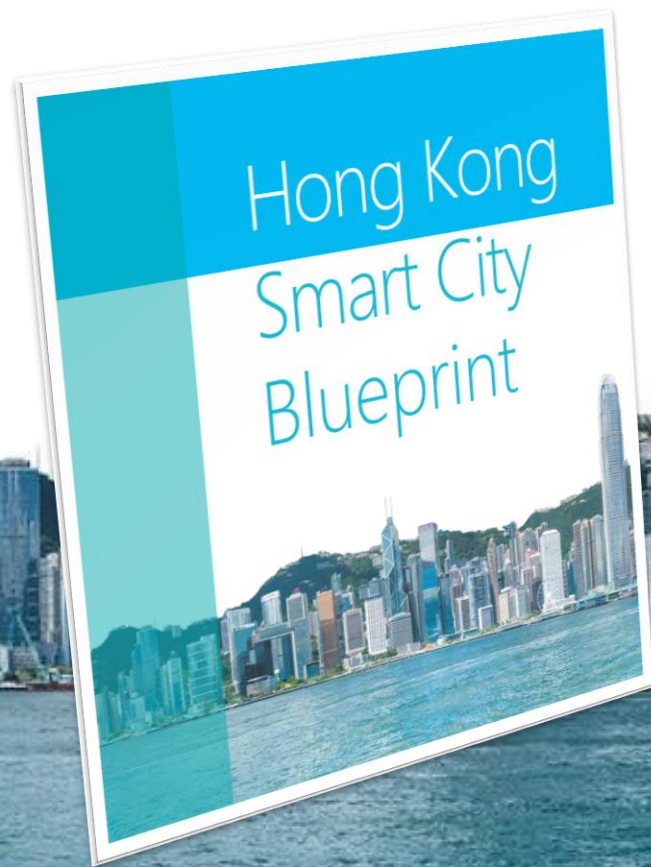


# HKHS International Housing Conference *Smart City Development in Hong Kong*

*2 November 2018*



# Smart City Blueprint for Hong Kong





# **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 Blueprint – Development Plans

## Six Major Areas



# Smart City Blueprint – Initiatives Highlight

## Smart Mobility

- Intelligent Transport System and Traffic Management
- Public Transport Interchanges / Bus Stops and Parking



## Smart Living

- Smart Health
- Digital Payment
- eID



# Smart City Blueprint – Initiatives Highlight

## Smart Health

### *Use of Gerontechnology*



Funding scheme to support trial use & procurement of technology products



# Smart City Blueprint – Initiatives Highlight



## Smart Environment

- Green and Intelligent Buildings, and Energy Efficiency
- Pollution Management



## Smart People

- Nurturing Young Talent
- Innovation and Entrepreneurial Culture

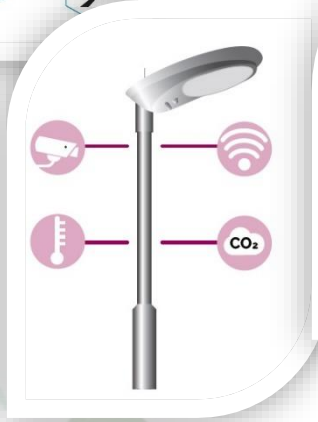


# Smart City Blueprint – Initiatives Highlight

## Smart Government



- Smart City Infrastructure
- Adoption of Technology
- Open Data



## Smart Economy

- Promoting R&D
- Smart Tourism





# Key Infrastructure Projects for Smart City Development



# Fintech

- **Faster Payment System (FPS)**
  - ✓ A new financial infrastructure
  - ✓ Real-time fund transfer
  - ✓ Support use of mobile phone number and email address for payment
  - ✓ Currency: HKD and RMB
- A single common QR code standard for accepting different payment schemes

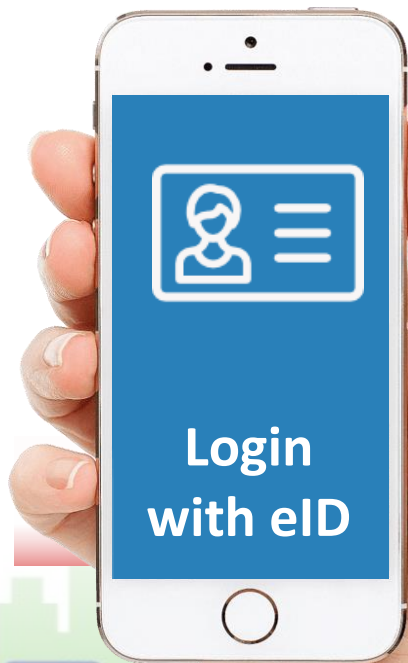


# eID for All Hong Kong Residents

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

## Registration

- Smart phones
- Kiosks
- Tablets
- Counter Service



## e-Government services



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

# eID for All Hong Kong Residents

## Public and Private Organisations

WHAT  
NEXT 

- e-banking
- e-commerce
- e-MPF
- integrated commercial services



eID Launch  
Mid-2020

Q3 2019

API Ready

Q2 2019

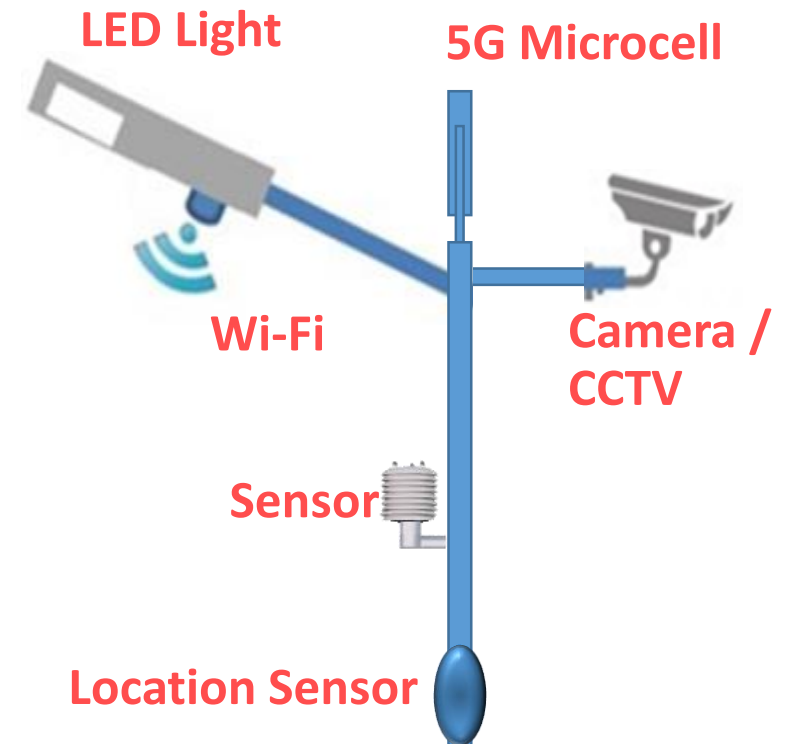
System Design

Q3 2018

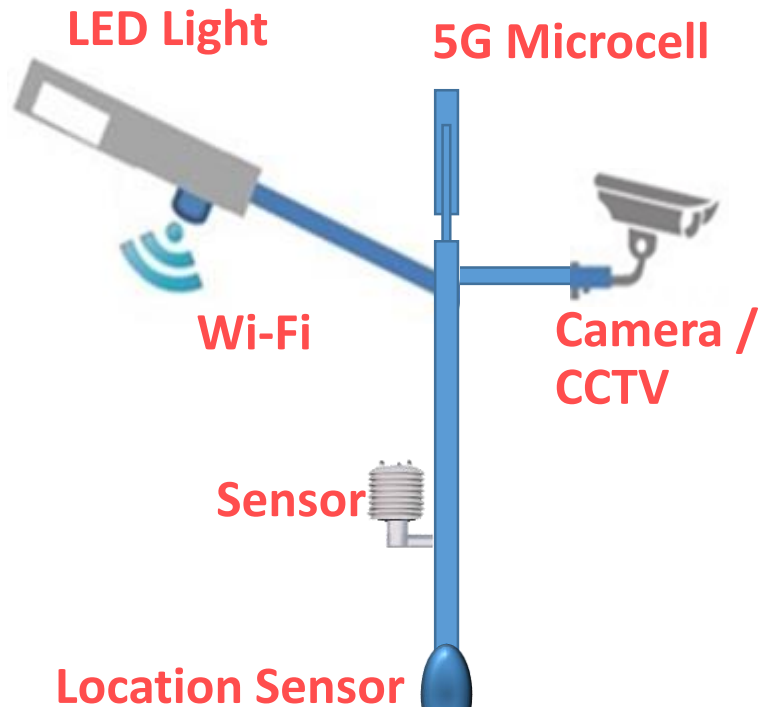
Issue Tender

# Pilot Multi-functional Smart Lampposts Scheme

- Some 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



# Pilot Multi-functional Smart Lampposts Scheme



Promote Big Data Analytics in Government and Public/Private sectors

Develop innovative smart city services and implement better real-time city management

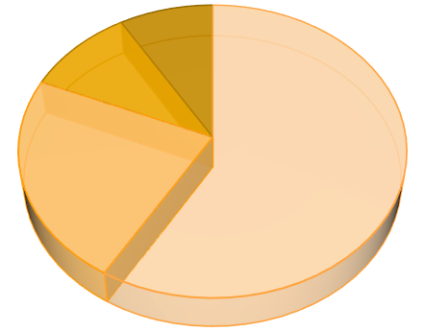


# Reform Development Technology of e-Government Systems & Big Data Analytics Platform

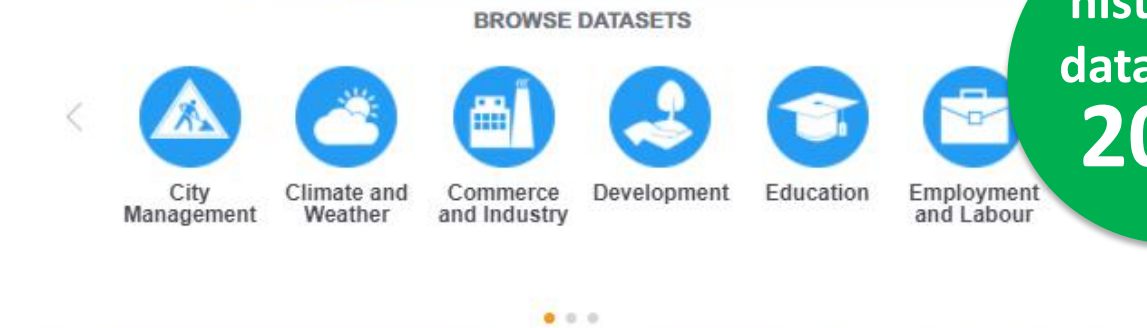


**Next Generation  
Government Cloud  
Infrastructure**

**Big Data  
Analytics**



# Open Data @PSI Portal



**18**  
categories

**1 200+**  
APIs

historical data since **2017**

**3 200+**  
datasets

**59**  
providers



 **Design Thinking**





# 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)

