Office of the Government Chief Information Officer
The Government of the Hong Kong Special Administrative Region
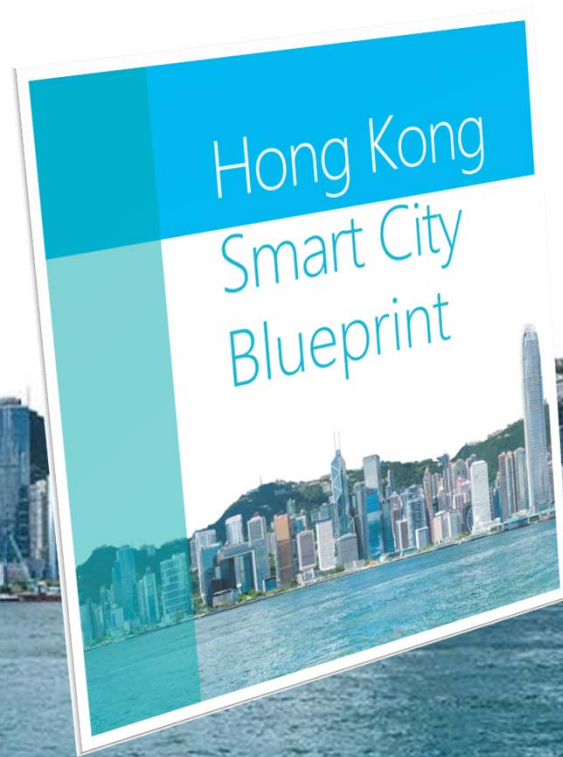
HKHS International Housing Conference
Smart City Development in Hong Kong

2 November 2018

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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 Mobility

Smart Government

Smart Living

Smart Economy

Smart People

Smart Environment

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

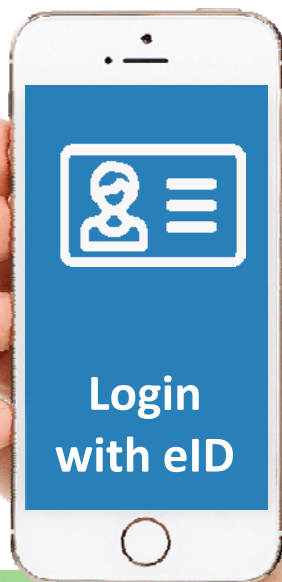- A single common QR code standard for accepting different payment schemes

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
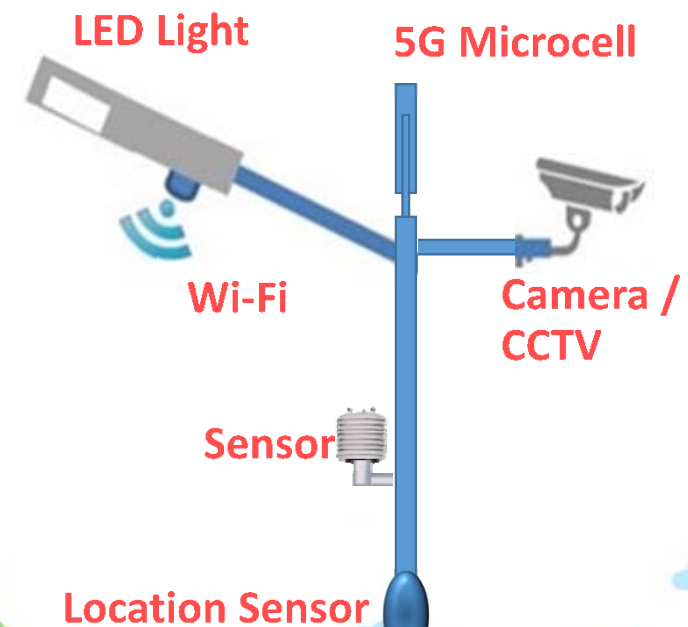- location-based information
- ......

Login with eID

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eID for All Hong Kong Residents

Public and Private Organisations

WHAT NEXT

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

eID

eID Launch Mid-2020

Q3 2019   API Ready

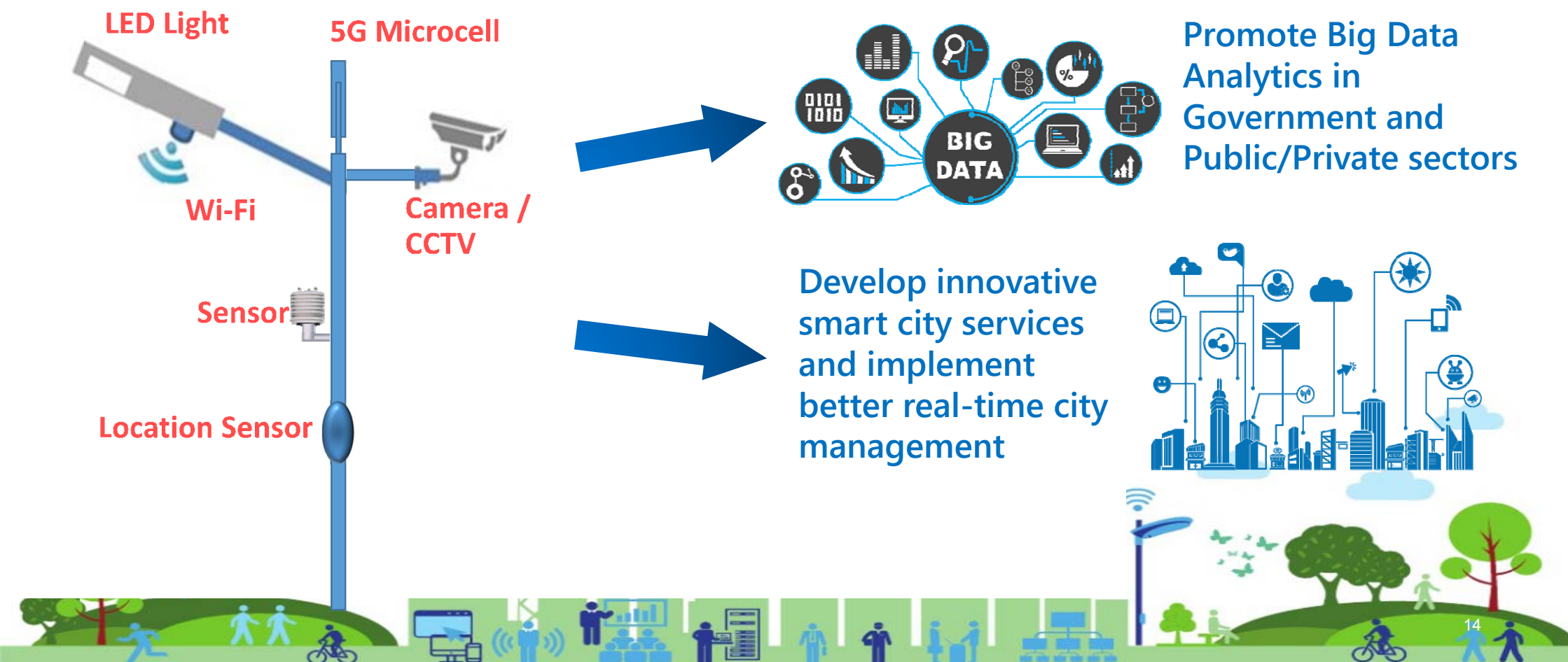Q2 2019   System Design

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
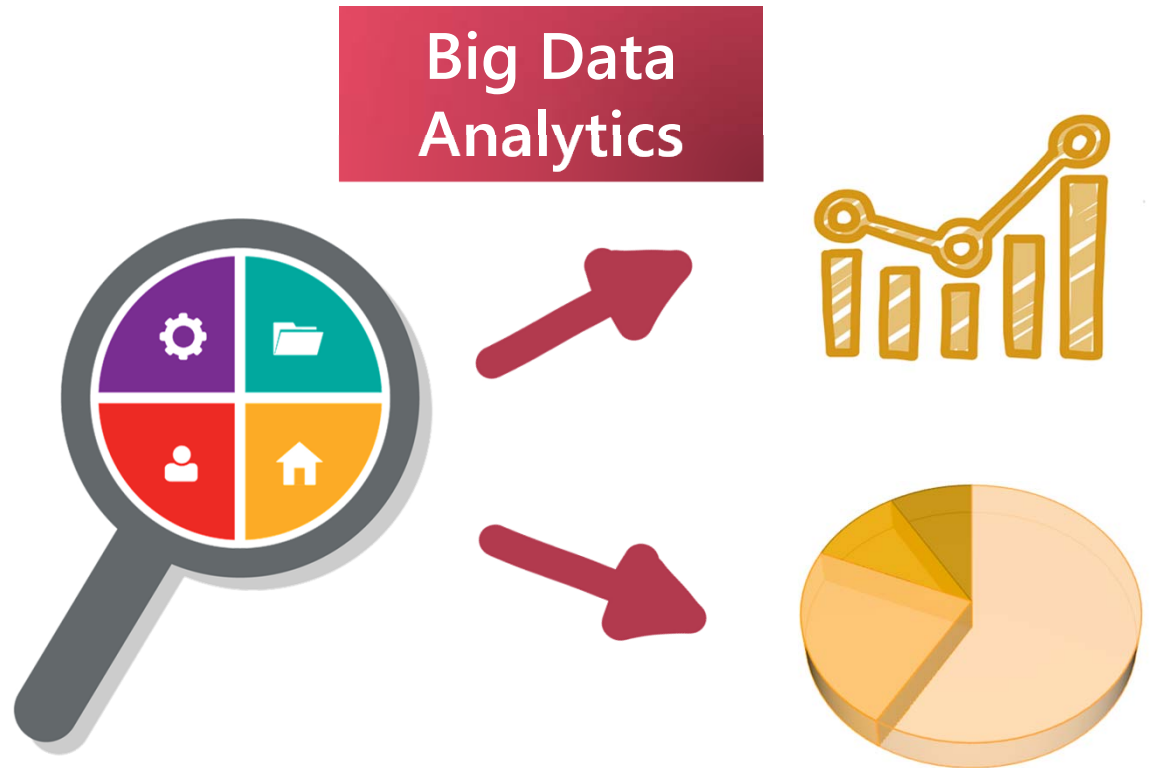- Other service:
  - Location sensor

LED Light

5G Microcell

Wi-Fi

Camera / CCTV

Sensor

Location Sensor

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Pilot Multi-functional Smart Lampposts Scheme

LED Light

5G Microcell

Wi-Fi

Camera / CCTV

Sensor

Location Sensor

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