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21 June 2022

Subcommittee on Matters Relating to the Development of Smart City  
Legislative Council Secretariat  
Legislative Council Complex  
1 Legislative Council Road  
Central, Hong Kong

Dear Sir/Madam

**Views from The Hong Kong Institution of Engineers  
on the Promotion of Hong Kong's Development into a Smart City**

On behalf of the Institution, I am pleased to present to you our views and suggestions as set out in the enclosure for your consideration on the captioned subject.

With our expertise and experience, the Institution welcomes the opportunity to work with the Government on the area of concern if and when it is needed.

Thank you.

Yours faithfully



Ir Edwin CHUNG  
President

EC/CKH/DW/SS

**Enclosure**

**Views from The Hong Kong Institution of Engineers  
Regarding Promotion of Hong Kong's Development into a Smart City**

The Hong Kong Smart City Blueprint was first released in 2017. It set out development plans in six major areas: “Smart Mobility”, “Smart Living”, “Smart Environment”, “Smart People”, “Smart Government” and “Smart Economy”. In the second edition published in 2020, over 130 initiatives were put forth to enhance and expand city management measures and services and enable people to experience the benefits of smart city and innovation and technology. With regard to the development and implementation of the blueprint, The Hong Kong Institution of Engineers (“HKIE”) would like to provide the following views and suggestions for the Subcommittee on Matters Relating to the Development of Smart City’s consideration:

2. The fintech ecosystem has seen a tremendous growth in recent years. With the application of the associated innovations, the public has become more open to adopting various technologies to carry out daily economic activities. But these disruptive developments have also brought about a multitude of new financial crimes and fraud. The HKIE recommends reviewing the use of smart technology and establishing measures to protect the public from fintech-related crime and fraud.
3. The blueprint suggested public-private partnerships for smart city initiatives. Five years into the implementation of the blueprint, authorities are encouraged to enhance such partnerships and the Subcommittee may consider promoting a collaborative attitude to encourage a positive public sentiment towards smart city initiatives.
4. Regarding the opening up of data from the public and private sectors, the Administration is suggested to release more useful data and analytics to encourage public engagement and big data applications.
5. The Hong Kong Smart City Blueprint 2.0 has set out strategies and initiatives in relation to the Climate Action Plan 2030+, green and intelligent buildings and energy efficiency, waste management, pollution monitoring and environmental hygiene under the Smart Environment pillar. To be in line with the bigger picture outlined in the United Nations Sustainable Development Goals, the Administration could further investigate areas where the use of smart technologies could be expanded while tackling climate change.
6. Hong Kong could also consider adopting the CIM (City Information Modelling) concept in support of Smart City construction. CIM allows us to reimagine our city by 3D simulations which will revolutionise how our city of the near future are creatively planned, designed and operated.