ICT Development in Hong Kong Where do we go from here?

Sharing at Joint ICT Networking Dinner (2019.5.24)

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HK\$100 billion

Government funding over the past 3 years to accelerate innovation and technology development in Hong Kong



CE's 8-pronged strategy to support innovation and technology:

Status update

Increase resources for R&D

Nurture I&T talents

Provide investment funding in I&T

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Provide technological research infrastructure

Review and remove outdated legislation/ regulations

- Establishing two research clusters in the Hong Kong Science Park (healthcare tech, Al/robotics)
- Funding for HKSTPC: R&D facilities and support
- Super tax reduction to increase spending on R&D
- Technology Talent Admission Scheme
- Re-industrialisation and Technology Training Programme: 175 applications approved, \$2.35m for ~350 local staff
- Technology Voucher Programme
- \$2bn Innovation and Technology Venture Fund: 2 local startups funded (approx. \$12 million)
- Injection to Innovation and Technology Fund
- HK-SZ Innovation and Technology Park in the LMC Loop, HK Science Park & Cyberport expansion
- \$2 billion
- Re-industrialisation Funding Scheme
- Hong Kong Smart City Blueprint
- Review driven by the PICO
- In progress: review of Road Traffic Ordinance for autonomous vehicles and telematics



CE's 8-pronged strategy to support innovation and technology:

Status update (con'd)

Open data

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Change procurement policy to facilitate innovation

Support and promote STEM education

- First Government Annual Open Data Plan: 83 B/Ds to add 715 datasets this year
- More real-time transport data to be shared: bus, MTR
- New government procurement policy has been introduced
- Smart Government Innovation Lab
- City Innovation and Technology Grand Challenge
- Life-wide Learning Grant to schools
- \$1m IT Innovation Lab in Secondary Schools to buy equipments and organise activities



What opportunities lie ahead for Hong Kong's ICT industry?

How can we make the best out of them?

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Smart City

City Innovation and Technology Grand Challenge: \$500 million, 5 years



In progress

- eID: API integration with private companies
- City dashboard
- Smart lampposts
- new smart parking meter/app
- Free-flow Tolling System
- Opportunities: export HK smart city solutions overseas markets?



2. Digital transformation of businesses



More business opportunities with TVP

- Expanded list of typical technological services and solutions
- funding ceiling / applicant:
 increased to \$400,000
- eligible to non-listed enterprises of all sizes
- max. approved projects per entity:
 4



Examples: IT solutions accepted by TVP Appointment scheduling and queue management system AR technologies Big data and cloud-based analytics Clinic management system Cyber security solution Document management and mobile access system Electronic inventory management system Electronic procurement management system Intelligent Robot (Industrial Robot and Service Robot) **Applications** Location based services (LBS)

School Management System





In progress

- 5G spectrum: estimated late 2019
- 1000 govt sites selected for faster vetting of application to install base stations
- Smart lampposts to be open for installation of 5G base stations
- Opportunities: entertainment, telemedicine, AR/VR





How can your business leverage on open data?

- Geospatial data
- Real time meteorological data
- Digital and 3D maps
- Real-time parking vacancy data (190+ car parks available)
- Soon: real-time arrival of public bus and MTRC
- Real time arrival data of green minibuses (from 2021)



Improvement of e-government

5.



Do you have innovative solutions for the government?

- TechConnect: \$10m cap projects by B/Ds
- Smart Government Innovation
 Lab: matching B/Ds with ICT
- City Innovation and Technology Grand Challenge
- ITF's Public Sector Trial Scheme
- EMSD: facilitating innovation in using E&M new technology



6. Upskilling our talent STEM education Use of EdTech



Growing our talent

- CEF: subsidy raised to \$20k
- Re-industrialisation and
 Technology Training Programme:
 subsidises local companies on a 2:1
 matching basis to train local staff
- \$900m Life-wide Learning Grant to public sector and DSS schools from the 2019/20 school year
- IT Innovation Lab in Secondary Schools: Max. \$1m/school, 3 school years





Government support to e-Sport

- Cyberport
- Guidance Note on Application for Exemption of Electronic
 Sports Venues from Licence
 Requirement



8. FinTech: Blending technology with financial services



FinTech opportunities

- Virtual banks licenses awarded
- Faster Payment System
- Use of blockchain technology
- RegTech
- Open API from FIs
- InsurTech
- Digital asset regulation: under review



Let us work together to make Hong Kong IT even greater !

The street was

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Thank You!

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