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

Sharing at Joint ICT Networking Dinner (2019.5.24)
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

1. **Increase resources for R&D**
   - Establishing two research clusters in the Hong Kong Science Park (healthcare tech, AI/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

2. **Nurture I&T talents**
   - $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
   - Technology Talent Admission Scheme
   - Re-industrialisation and Technology Training Programme: 175 applications approved, $2.35m for ~350 local staff
   - Technology Voucher Programme

3. **Provide investment funding in I&T**
   - $2bn Innovation and Technology Venture Fund: 2 local startups funded (approx. $12 million)
   - Injection to Innovation and Technology Fund

4. **Provide technological research infrastructure**
   - 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
   - Technology Talent Admission Scheme
   - Re-industrialisation and Technology Training Programme: 175 applications approved, $2.35m for ~350 local staff
   - Technology Voucher Programme

5. **Review and remove outdated legislation/regulations**
   - Review driven by the PICO
   - In progress: review of Road Traffic Ordinance for autonomous vehicles and telematics

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

Status update (con’d)

6. Open data
   - 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

7. Change procurement policy to facilitate innovation
   - New government procurement policy has been introduced
   - Smart Government Innovation Lab
   - City Innovation and Technology Grand Challenge

3. Support and promote STEM education
   - 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?
1. 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
3. 5G-enabled services
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
4. Open data / Big data
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)
5. Improvement of e-government
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
7. e-Sport / AR / VR
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!
Thank You!

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