



Office of the Government Chief Information Officer
The Government of the Hong Kong Special Administrative Region
of the People's Republic of China

Challenge & Opportunity in Managing Today's Technological Transformation

The Royal HK Yacht Club - Speakers' Corner

**Ir Tony WONG
Government Chief Information Officer**

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Challenge and Opportunity of Hong Kong's I&T Development

Opportunities

- Highly international city
- Great infrastructures
- Robust capability in basic R&D
- Central city in the Greater Bay Area and national policy support
- Huge market opportunities and talent pool from the Mainland

Challenges

- Insufficient talents and lack of attention on I&T
- Insufficient momentum to realise transformation of R&D outcomes
- Insufficient land supply to support technology R&D

香港創新科技 發展藍圖

Hong Kong Innovation and Technology
Development Blueprint



Hong Kong I&T Development Blueprint Four Broad Development Directions

1

To enhance the I&T ecosystem and promote “new industrialisation” in Hong Kong

2

To enlarge the I&T talent pool and create strong impetus for growth

3

To promote digital economy development and develop Hong Kong into a smart city

4

To proactively integrate into the overall development of the country and consolidate our role as a bridge connecting the Mainland and the world

Direction 1

To enhance the I&T ecosystem and promote “new industrialisation” in Hong Kong

Research, Academic and Industry Sectors One-plus Scheme (RAISe+ Scheme) (產學研1+計劃)

新田科技城 | 新田·創·新活
San Tin Technopole | San Tin Technopole



Strategy 1 To enhance the I&T ecosystem and promote interactive development of the upstream, midstream and downstream sectors

Strategy 2 To promote technology industry development and achieve “new industrialisation” in Hong Kong



Strategy 3 To diversify venture financing channels and support the development of start-ups and industries

Strategy 4 To promote the I&T culture for all and enhance the overall I&T atmosphere in the community



Development of AI Supercomputing Centre

The 2023-24 Budget announced to conduct a feasibility study on the development of an AI Supercomputing Centre in HK



Direction 2



To enlarge the I&T talent pool and create strong impetus for growth



Strategy 5 To enrich I&T talent resources and develop an international talent hub



To step up nurturing of **local** I&T **talent** at different learning stages

- To encourage universities to offer more I&T-related programmes
- To further promote I&T-related education in schools



To proactively attract **Mainland and overseas** I&T **talent** to Hong Kong and further retain I&T talent to support I&T industry development

- To proactively attract top-notch Mainland and overseas I&T talent
- To step up efforts to attract Hong Kong people studying overseas to return to Hong Kong
- To step up efforts to recruit Mainland and overseas young research talent
- To strengthen support to young scientific research scholars
- To enhance accommodation support to I&T talent
- To foster a sense of belonging among I&T talent

Direction 2

To enlarge the I&T talent pool and create strong impetus for growth

The Government has been adopting a multi-pronged approach to enlarge the I&T talent pool through nurturing, attracting and retaining talents with a series of initiatives.

Attracting and Retaining I&T Professionals*

- Global STEM Professorship Scheme
- Research Talent Hub (RTH) Scheme
- Technology Talent Admission Scheme (TechTAS)

Nurturing I&T Talents*

- STEM Internship Scheme
- Knowing More About IT Programme
- IT Innovation Lab in Secondary Schools Programme



* not an exhaustive list

Direction 3

To promote digital economy development and develop Hong Kong into a smart city



Strategy 6 To accelerate the development of digital economy and smart city to enhance citizens' quality of life

To encourage government departments and public and private organisations to expedite the implementation of **digital economy** and **smart city** initiatives in different areas, enabling the general public to enjoy the day-to-day convenience brought about by technological development and injecting new impetus to economic development



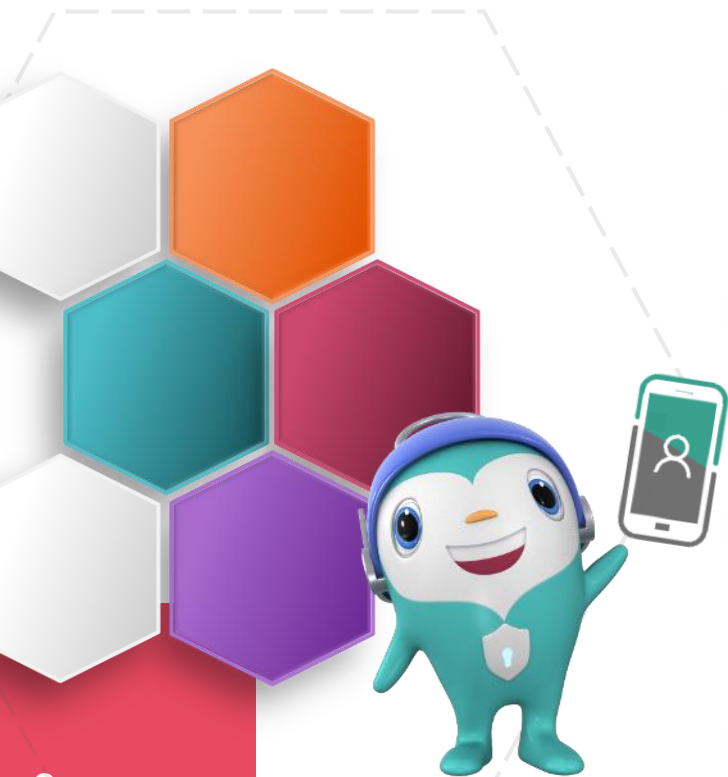
- To expedite the building of a smart government to enhance the efficiency of government services
- To facilitate spatial data applications
- To accelerate the development of new digital infrastructure
- To expand the application of I&T to promote smart living
- To accelerate the development of financial technology
- To build a secure cyber environment



Direction 3

Single Portal for Online Government Services

Fully adopt “iAM Smart” by the Government by 2025



Upgrade “iAM Smart” design and functions

- Commonly-used information and service catalogues without the need to register

Enhance “iAM Smart” user experience

- Citizen-centric service categorisation based on themes and age groups
- Data sharing among departments

Connect with Guangdong e-services

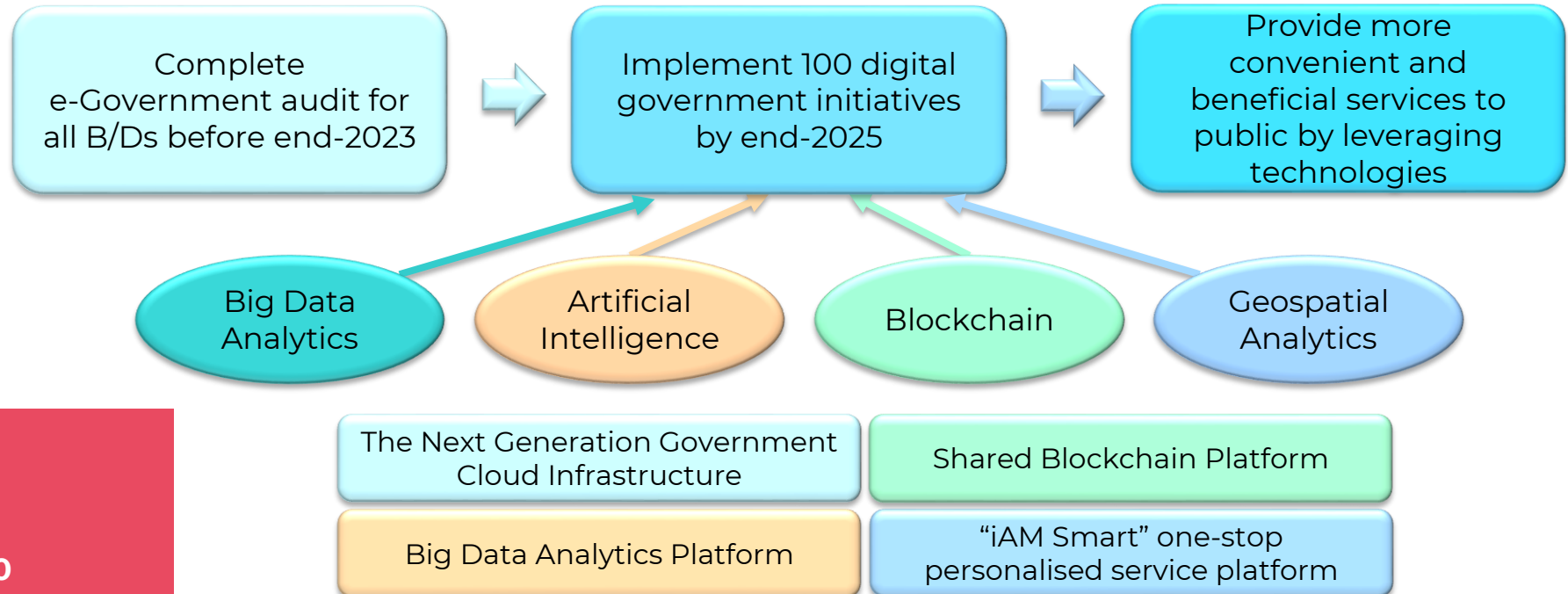
- Hong Kong residents can link up their “iAM Smart” account with “Unified Identity Authentication Platform” of Guangdong Province to connect with its e-government services

Improve “iAM Smart” registration

- Simplify self-registration, reduce taking photos
- 60 additional self-registration kiosks

Direction 3

e-Government Audit





Smart Living Start-up Incubation Programme

- Foster development of smart living solutions
- Nurture start-ups
- Targeted professional support and counselling for start-ups



Digital Transformation Support Pilot Programme

- Targeted approach
- Ready-to-use solutions for food and beverage, and retail industries
- Simple application process



Web3 Ecosystem Development

- Talent cultivation
- Industry development
- Public awareness



Direction 4

To proactively integrate into the overall development of the country and consolidate our role as a bridge connecting the Mainland and the world



Strategy 7 To deepen I&T co-operation with the Mainland for better integration into the overall national development



Strategy 8 To leverage Hong Kong's advantages as an international city to foster global I&T collaboration



To promote the effective **cross-boundary** flow of innovation elements and strengthen Hong Kong's I&T competitiveness to better serve national needs



To promote the development of major **Guangdong-Hong Kong-Macao** platforms of co-operation for pursuing mutually beneficial collaboration



To actively dovetail with the **Mainland institutional set-up for innovation** for Hong Kong to better integrate into the overall national development



To actively promote international I&T exchanges and co-operation, fully leverage Hong Kong's important bridging and two-way platform role as a **bridge** connecting the Mainland and the world to help the country **"attract foreign investment"** and **"go global"**



Direction 4



跨境通辦

HKSARG → Guangdong
(GD)
(First Batch: 50+ services)



智方便
iAM Smart



廣東省統一身份認證平台
Unified Identity Authentication
Platform of Guangdong
Province

The “cross-boundary government services” and “cross-boundary data flow” initiative in the GBA



《粵港共建智慧城市群合作協議》2023 年 3 月
HK/GD Co-operation Agreement on
Co-developing a Smart City Cluster
signed in March 2023



《促進粵港澳大灣區數據跨境流動的合作備忘錄》
2023 年 6 月

Memorandum of Understanding on
Facilitating Cross-boundary Data Flow
Within the Guangdong-Hong Kong-
Macao Greater Bay Area signed in
June 2023



Direction 4

Hong Kong Science Park Shenzhen Branch & Shenzhen Park of Hetao Shenzhen-Hong Kong Science and Technology Innovation Co-operation Zone



Hong Kong Science Park Shenzhen Branch



《河套深港科技創新合作區深圳園區發展規劃》
2023 年 8 月

Central Government released
“Development Plan for Shenzhen Park of
Hetao Shenzhen-Hong Kong Science and
Technology Innovation Co-operation Zone”
in August 2023



THANK YOU