

# I&T and Smart City Development in Hong Kong

14 Jan 2025



**Digital Policy Office**

The Government of the Hong Kong Special Administrative Region  
of the People's Republic of China



# Setup of Digital Policy Office

Digital Government



Digital Infrastructure



Data Governance



Support the sustainable development of digital government, economy and society



# Hong Kong I&T Development Blueprint Four Broad Development Directions



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

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



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

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



# “iAM Smart” App driving “Single Portal for Online Government Services”



# Digital Corporate Identity (CorpID)

## Set up a “Digital Corporate Identity” platform

- Facilitate corporate identity authentication and corporate signature verification in a secure, convenient and efficient manner
- Roll out progressively from end-2026

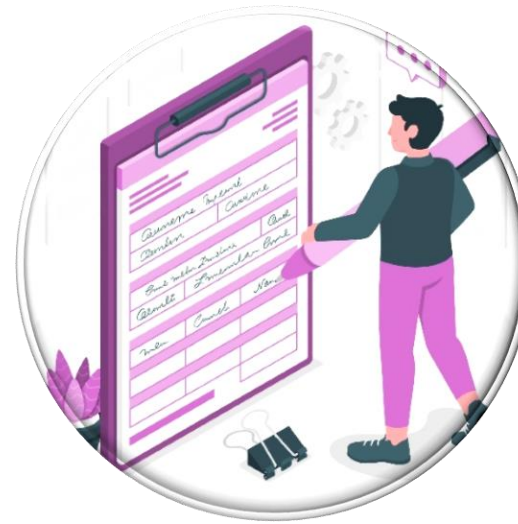
### Corporate Identity Verification



### Digital Signing



### Form Pre-filling



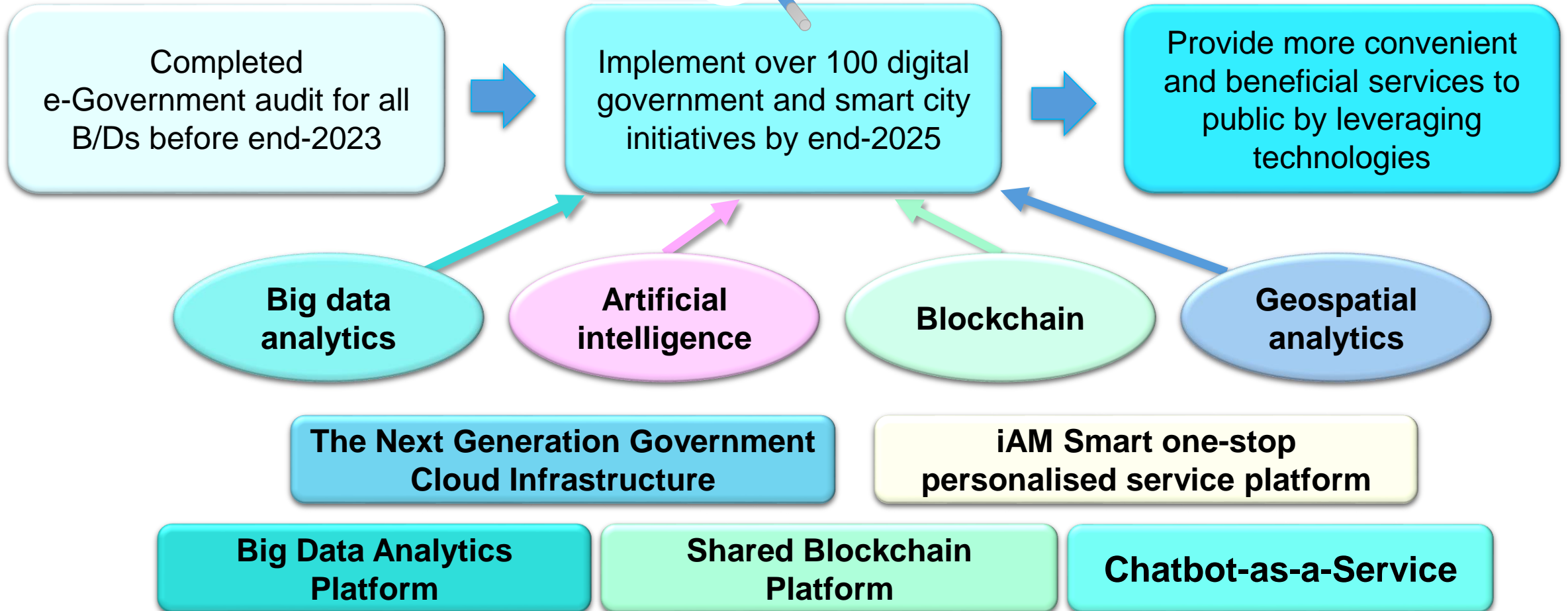
### Document Wallet



**Promote and facilitate enterprises in their use of “Government-to-Business” and “Business-to-Business” digital services**

# e-Government Audit

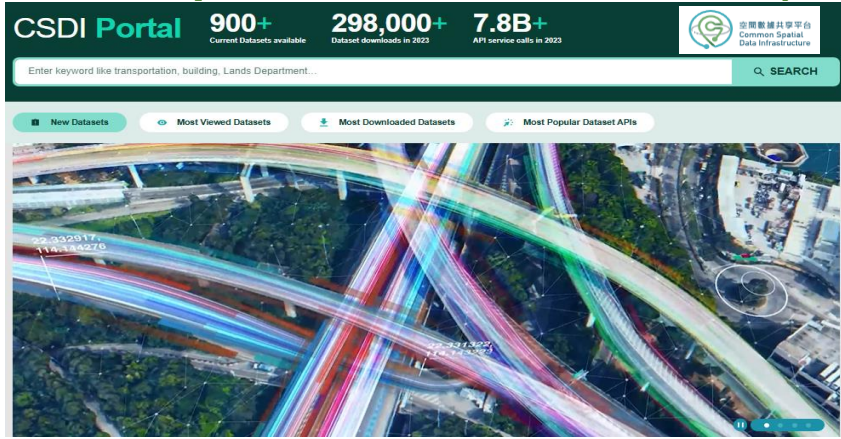
Implement **100+ digital government initiatives** to promote digital government and smart city



Spearhead digitalisation of public services

# Accelerate Development of Digital Infrastructure

## Common Spatial Data Infrastructure (CSDI) Portal



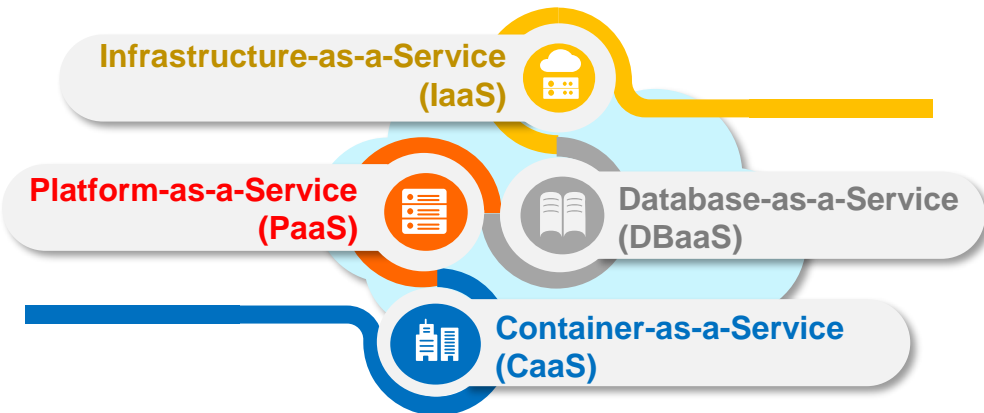
## Big Data Analytics Platform

The diagram illustrates the Big Data Analytics Platform (BDAP) with several use cases:
 

- Traffic Data Analytics System:** Represented by a map of a city with traffic data overlays.
- Water flow and pressure analytics for Water Intelligence Network:** Represented by a line graph showing data trends.
- Image masking for privacy protection:** Represented by a photo of a bus with yellow boxes indicating masked areas.
- Public toilet analytics for better maintenance:** Represented by a public toilet icon and a photo of a building.

 The central element is a blue box with a magnifying glass icon and the text 'BDAP'.

## Government Cloud Infrastructure Services (GCIS)



## Shared Blockchain Platform (SBP)



# Opening and Sharing of Data for Improving Public Services and Facilitating Innovation



## Data sharing via Consented Data Exchange Gateway

- Enhance the experience of digital government services
- Improve government operational efficiency
- Comply with the Personal Data (Privacy) Ordinance



**Citizen-centric**



**Data-driven**



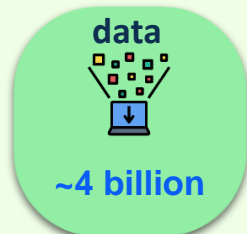
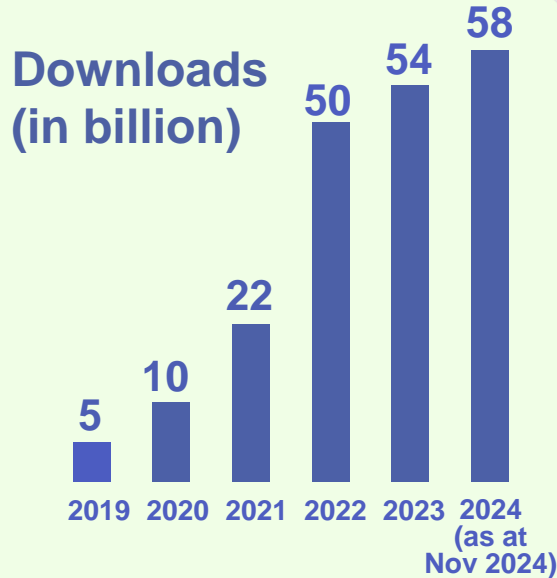
**Driving digital government services**



**Facilitating innovative applications in industry**

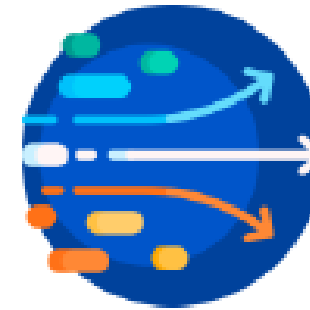


- **5 500+ datasets**
- **2 400+ APIs**
- **117 data providers**

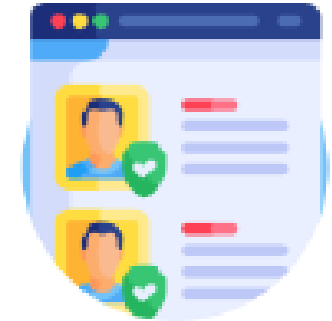




# Facilitating Data Flow and Safeguarding Data Security



**Data  
flow**



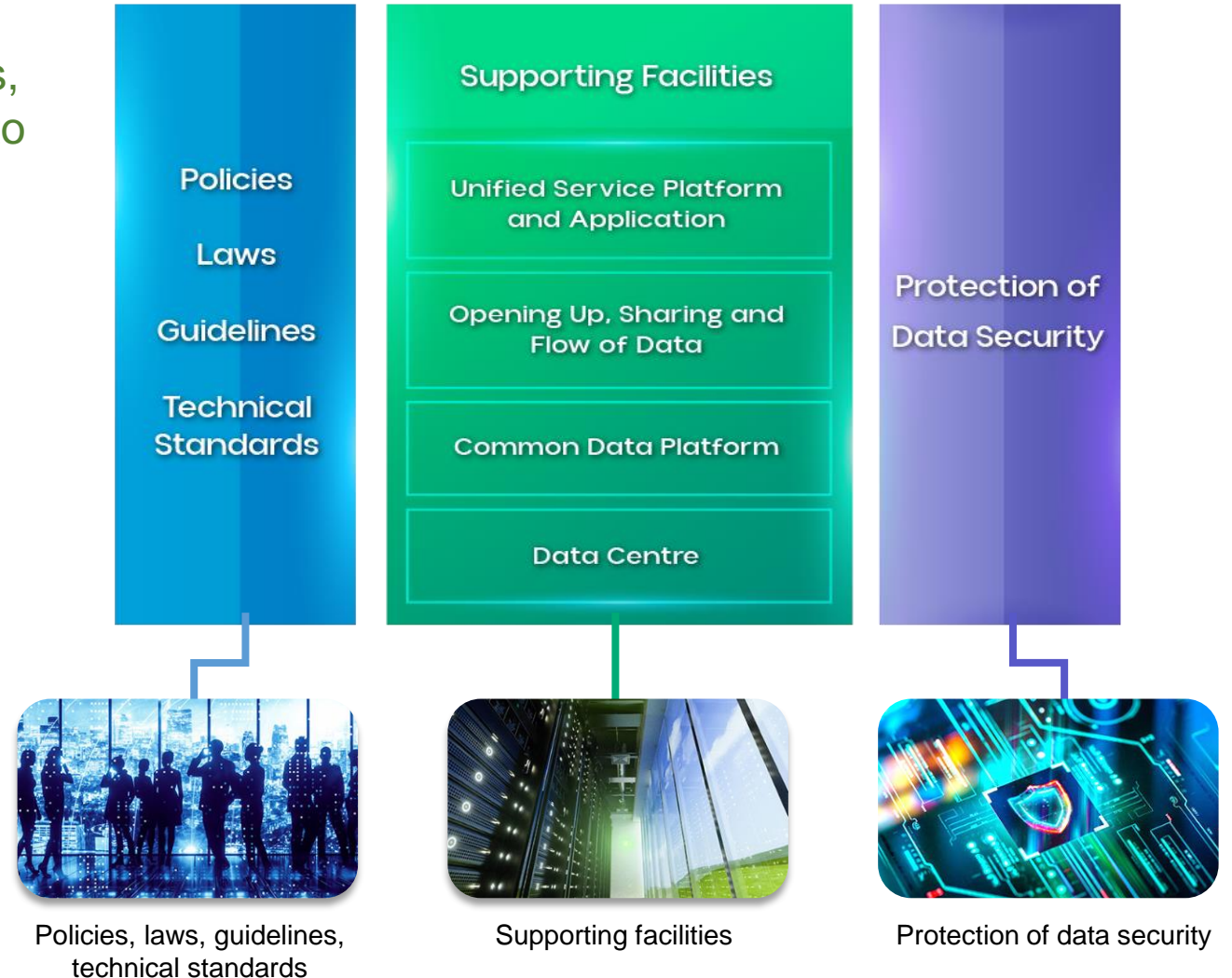
**Data  
security**

- Published by ITIB in Dec 2023
- Set out management principles and key strategies on data flow and data security
- Put forward 18 specific action items
- Promote development and safety of data flow in a more coordinated manner

# Data Governance Thematic Webpage

Adopting a multi-pronged strategy, covering policies, laws and guidelines, and supporting facilities, etc., to establish a data governance system tailored for Hong Kong's unique circumstances

- Published by DPO in Dec 2024
- Set out policy stance regarding “Principles of Data Governance”
- Cover policies, laws, guidelines, supporting facilities and protection of data security
- Introduce the Government's data governance policies in a one-stop manner



# Promote the Development of AI Ecosystem and InnoHK Cluster



## Launched AI Supercomputing Centre (AISC)



Research Institutes



Industry

\$3 billion

Artificial Intelligence Subsidy Scheme



Government



Academia



## InnoHK – AIR@IHK

- Focusing on artificial intelligence and robotics technology
- Research laboratories covering AI-driven big data analytics, AI chips, Fintech, robotics, etc.

## Hong Kong Generative AI Research and Development Center (HKGAI)



香港生成式人工智能研發中心  
Hong Kong Generative AI Research & Development Center

Focusing on the research and development of the generative AI technology and large language models (LLM)

HKGAI's own generative AI technology and LLM

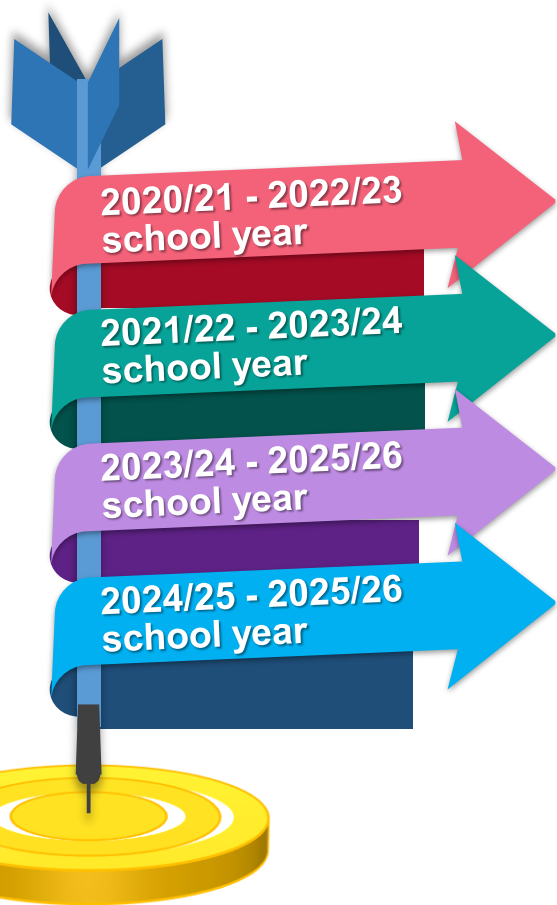
Improve efficiency

- Translation
- Summarisation
- Drafting documents

Help Hong Kong master related AI technologies

# IT Innovation Lab in Schools

as of Dec 2024



 **IT Innovation Lab in Secondary Schools**  
中學IT創新實驗室計劃

 **Knowing More About IT**  
奇趣IT識多啲計劃

 **IT Innovation Lab in Secondary Schools**  
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 **Knowing More About IT**  
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2<sup>nd</sup> round

2<sup>nd</sup> round



~ 1 000 schools applied



> \$700M funding approved



> 490 000 students benefited



# Digital Transformation Support Pilot Programme

## Expediting the pace of digital transformation of SMEs

- \$500 million for Cyberport to launch the Pilot Programme
- Funding support to SMEs on a 1:1 matching basis
- Adopting off-the-shelf digital solutions
- **Up to \$50,000** for each eligible SME for acquiring digital solution packages
- Anticipated to benefit **at least 8 000 SMEs**

## 3 digital solution categories



Digital payment solutions and shopfront sales



Online promotion



Customer management solutions



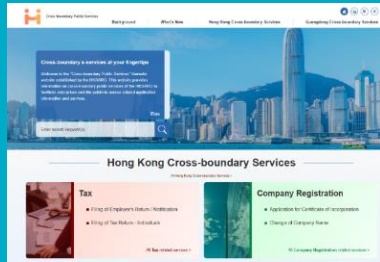
# Promote cross-boundary data flow

# Facilitating Cross-boundary Data Flow within the Greater Bay Area



Ceremony for promulgation of the Hong Kong / Guangdong Cross boundary Public Services Co operation Achievements in Nov 2023

Cross boundary Public Services thematic website



"Hong Kong Cross boundary Public Services" self service kiosk



iAM Smart self registration kiosk

## Facilitating Cross boundary Data Flow within the Greater Bay Area



- On 29 Jun 2023, signed the Memorandum of Understanding on Facilitating Cross boundary Data Flow within the Guangdong Hong Kong Macao Greater Bay Area in Beijing



- On 13 Dec 2023, jointly announced the Standard Contract for the Cross boundary Flow of Personal Information Within the Guangdong Hong Kong Macao Greater Bay Area (Mainland, Hong Kong) (the GBA Standard Contract)

- On 1 Nov 2024, announced industries of all sectors can take part in the facilitation measure and voluntarily adopt the GBA Standard Contract



through iAM Smart  
log in directly



"Unified Identity Authentication Platform of Guangdong Province"



Guangdong Provincial Administrative Service website

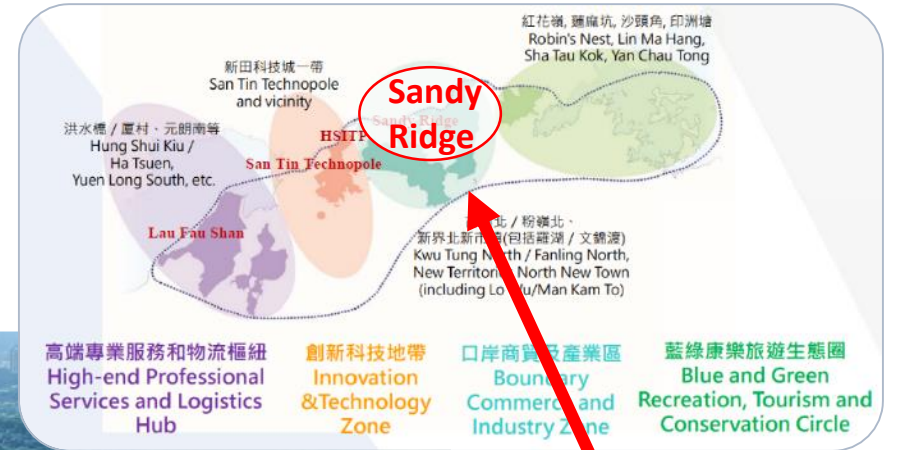


"Yue Sheng Shi" mobile app

New land supply  
for I&T use

# Take Forward the Northern Metropolis as Growth Engine and Deepen GBA collaboration

## Northern Metropolis - Sandy Ridge data centres



change the use of a  
site at Sandy Ridge  
for I&T and related  
purposes



The Hong Kong Special Administrative Region  
of the People's Republic of China

The Chief Executive's  
2024 Policy Address

2024.10.16



**Thank you**