

# Challenges of Technology: Data Ownership & Governance

International Federation of Accountants (IFAC)  
Small and Medium Practices (SMP) Advisory Group  
Meeting

**Mr Brian SUN**  
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**Digital Policy Office**  
**30 October 2025**



**Digital Policy Office**

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



# The Digital Policy Office (DPO)

Digital  
Government



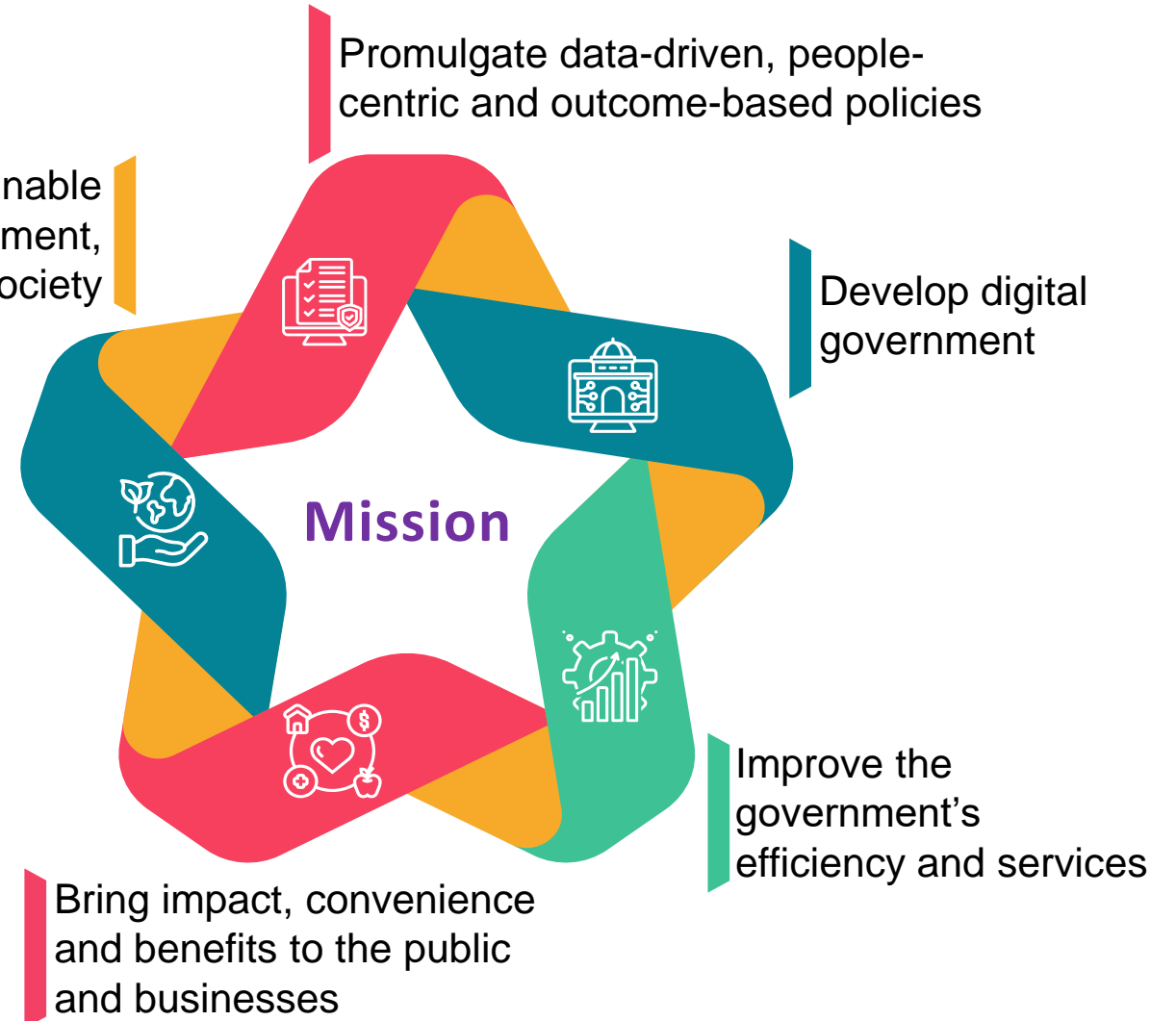
Digital  
Infrastructure



Data  
Governance



Support the sustainable  
development of digital government,  
economy and society





# Relevancy of Data Governance

- A global survey in 2025 from the Deloitte Center for Controllershship and the Institute of Management Accountants, titled “**Unlocking profitability insights: How companies are leveraging cost data and technology to enhance business performance**”
- Of more than 440 finance and accounting managers, directors, controllers and CFOs surveyed, **over half (53%)** replied that they have already integrated or are planning to **integrate emerging technologies such as AI, blockchain, or advanced data analytics** into their organisation’s cost and profitability management models.



Transparency



Auditing



Reporting



Risk Management



Compliance

# 2025 Policy Address

- **AI was a centerpiece of the 2025 Policy Address because the Government sees it as a critical driver for Hong Kong's future competitiveness, public service efficiency and the growth of the digital economy.**
- **Data is the fuel that powers AI systems, from learning algorithms, recognising patterns to enabling intelligence. Effective data management and governance ensure the integrity and security of this data, which are critical for the reliable and ethical deployment of AI technologies.**



# Hong Kong I&T Development Blueprint

1

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

3

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

2

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

4

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



# Facilitating Data Flow and Safeguarding Data Security

## PRC's The 14th Five-Year Plan



- Jointly published by the Innovation, Technology and Industry Bureau (ITIB) and DPO (formerly OGCIO) in December 2023
- Put forward 18 concrete action plans
- Balancing data protection and application







# Data Governance Framework

A comprehensive data governance framework tailored to Hong Kong's unique circumstances



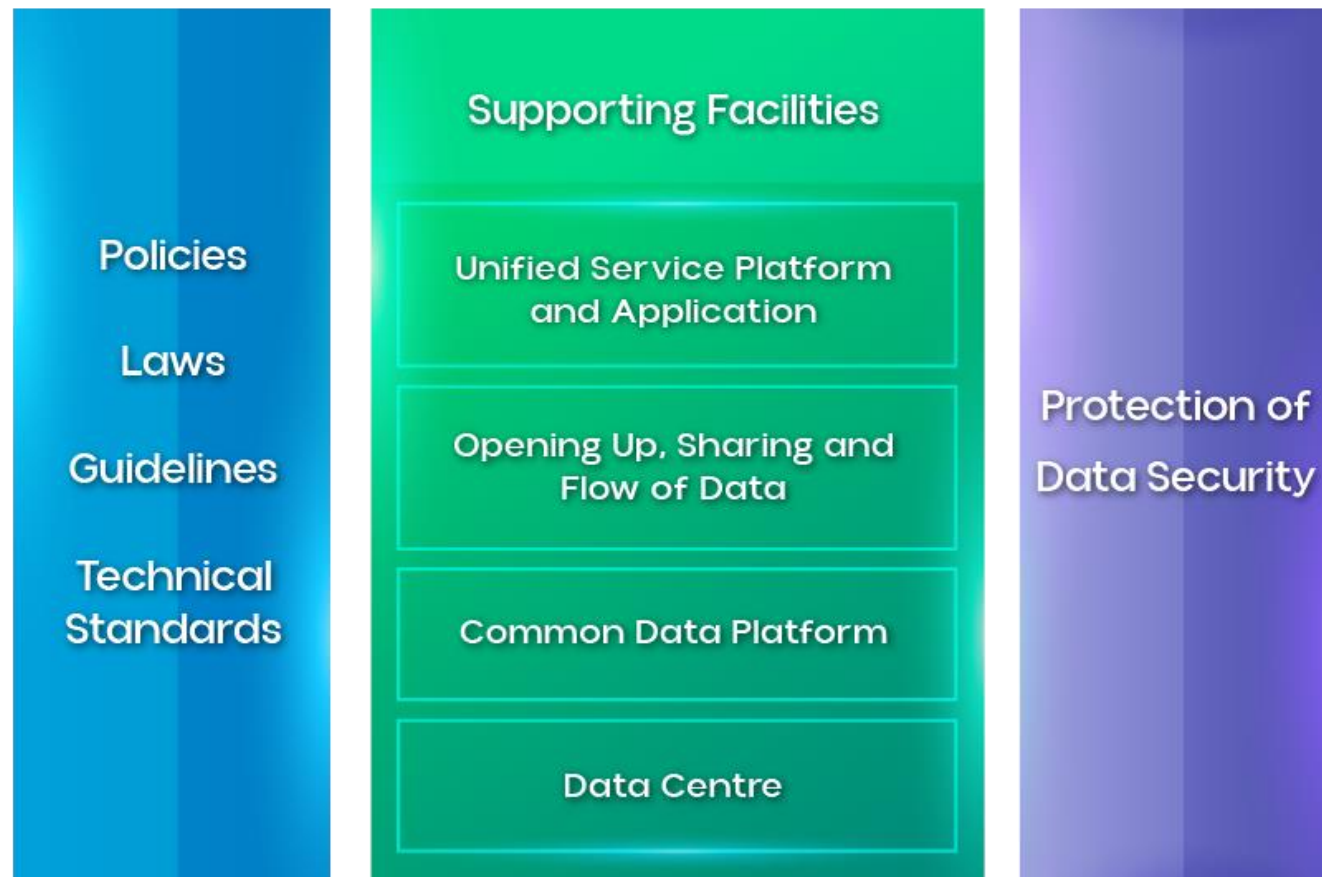
Launched thematic webpage and published Principles of Data Governance



Improved data sharing and protection



Supported departments and society in effective use of data



# Principles of Data Governance



The opening up, sharing and application of data shall be conducted in compliance with relevant laws and regulations. In respect of personal data, open data and data sharing should follow the relevant data protection principles and conducted in compliance with relevant laws and regulations.



Data security forms the foundation of open data and data sharing. The opening up, sharing and application of data shall take into account data security, which includes ensuring security and protection of data content, as well as safeguards on the sharing, flow and usage of data.



Corresponding data governance principles should be adopted for different types of data so as to balance the opening up, usage and protection of data.



# Open Data and Data Sharing



空間數據共享平台  
Common Spatial  
Data Infrastructure



Transparency

Innovation

Citizen  
participation

Efficiency



Explore Open Data on  
**DATA.GOV.HK**

Innovate with Open Data. Drive  
change through Information

- 5 600+ datasets
- 2 400+ APIs
- 110+ data providers

## Popular Datasets

Real-time



Estimated arrival data  
of all public transport



Meteorological data

Spatial



Digital maps



**60B+** downloads in 2024

# Open Data and Data Sharing



Compilation of departmental data catalogues (2025)



Data sharing via Consented Data Exchange Gateway (CDEG)

Streamline user experience in transacting online applications with the Government



Consented Data from Departments



- Processing **~2 million** transactions a month

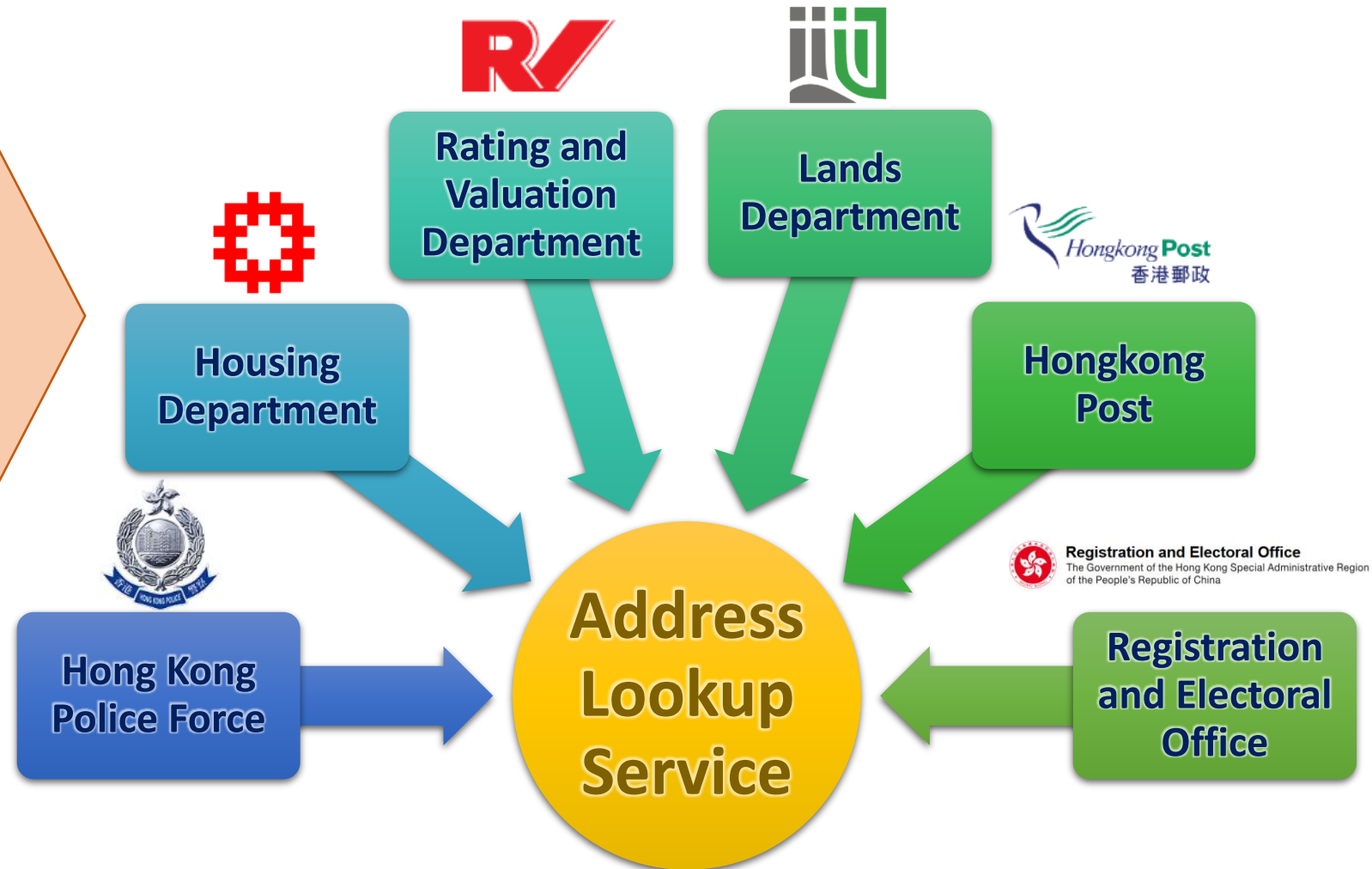
Verified Data to Departments Providing Services



# Address Lookup Service






- ✓ Published over **180K** addresses consolidated from different departments
- ✓ Over **220M** address lookup requests in 2024



# Data Security

## Established Frameworks and Guidelines

-  **Government IT Security Policy and Guidelines**
-  **“Guidance Note on Data Security Measures for Information and Communications Technology”**  
published by the Privacy Commissioner for Personal Data
-  **Practice Guide on Data Centre Security**



## New Measures



**Additional pre-launch testing on large-scale and high-risk IT projects**



**Actively increase independent cyber security tests for large-scale and high-risk IT projects**



**Cybersecurity attack and defence drills**





# “iAM Smart” – A Single Portal for Online Government Services

- Over **3.8** million registered users
- Over **1 300** services and e-forms



## Awarded ISO certifications

- **ISO/IEC 27001:2022**
- **ISO/IEC 27701:2019**

## Government and related organisations



## Commercial organisations



## Cross-Boundary Public Services 跨境通办



# “iAM Smart” – Common Services

## Government and related organisations



**eTAX:** Log in without using password to file tax returns; will be able to view tax status in Personal Assistant page



**SmartPLAY:** Book sports facilities instantly after login



**Transport Department:** Renew vehicle licenses and apply for driving permits online



**Contactless e-Channel:** Register for contactless immigration clearance



**eMPF Platform:** View and manage all your MPF accounts in one place

## Commercial organisations



**Financial / Insurance Companies:** Support eKYC, online identity authentication as well as insurance and loan applications for remote account opening and application processing

*and many other applications.....*

# Digital Corporate Identity “CorplD”

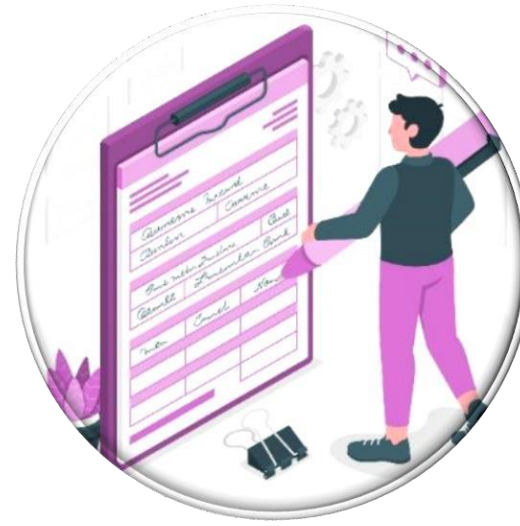
- Facilitate corporations to undergo corporate identity authentication and corporate signature verification in a secure, convenient and efficient manner
- Promote and facilitate enterprises in their use of “G2B” and “B2B” digital services
- Launch Sandbox Programme by 2025
- Target to launch by end-2026 and progressively expand its application



**Corporate Identity  
Verification**



**Digital  
Signing**



**Form  
Pre-filling**



**Document  
Wallet**

# Government Internal Digital Adoption



**e-Procurement System (ePS)**

**Government Financial Management  
Information System (GFMIS)**



**The Treasury**

The Government of the Hong Kong Special Administrative Region

**Central Electronic Recordkeeping System**



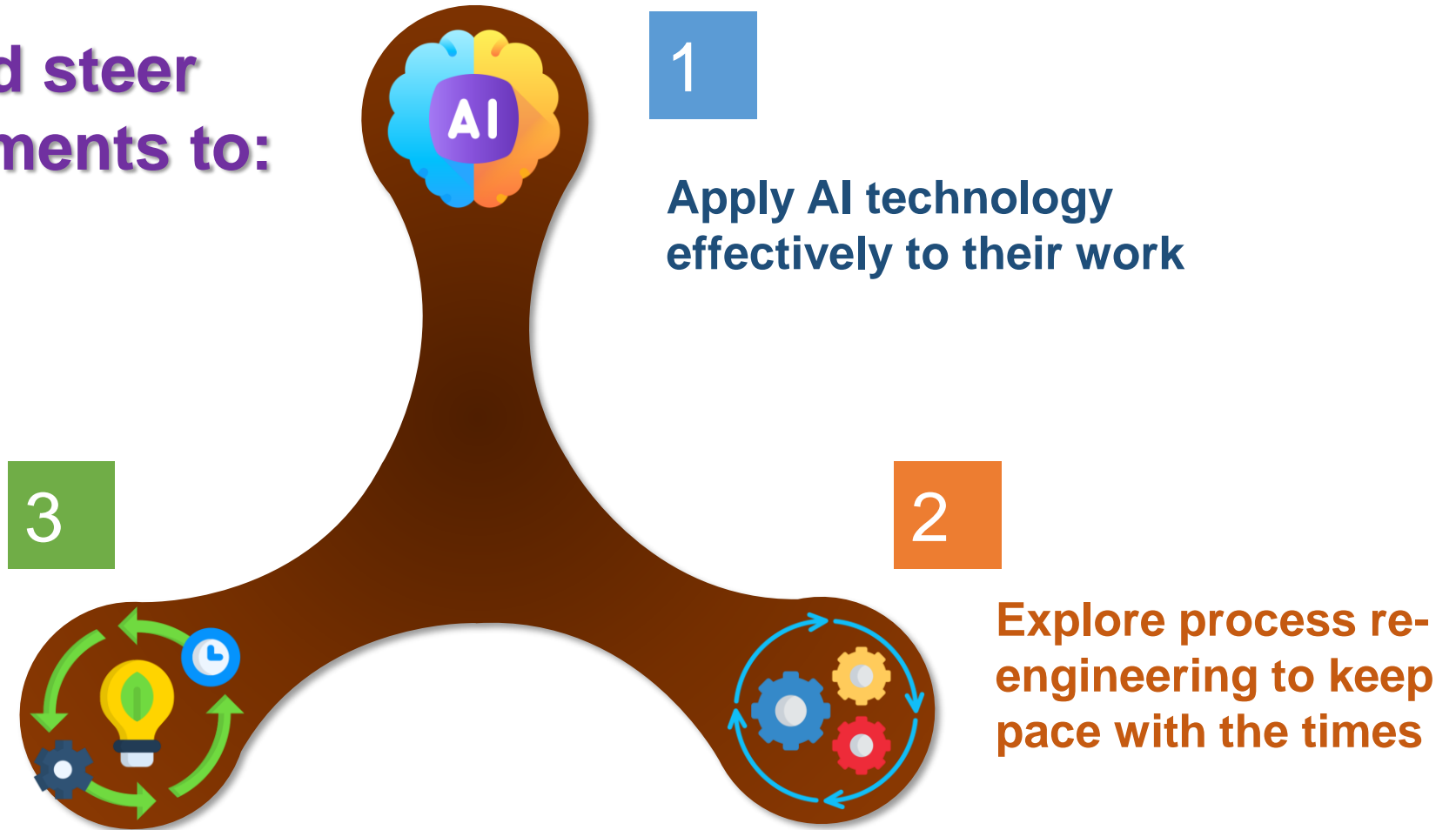
**Central  
ELECTRONIC  
RECORDKEEPING  
SYSTEM**



# AI Efficacy Enhancement Team

To coordinate and steer government departments to:

Promote technological reform in departments to improve efficacy



# AI Flagship Projects under AI Efficacy Enhancement Team

- Drive government departments to launch “**AI Flagship Projects**” to use AI to assist departments in expediting their process of handling, vetting and approval of various licences and applications
- Launch **various AI tools** for data analysis, customer service and document processing, etc. to promote the popular use of AI in government departments in a safe and controllable manner



# Cross-boundary Data Flow

June  
2023

Signed MoU on cross-boundary data flow within GBA

Dec  
2023

Announced GBA Standard Contract for personal data flow

Nov  
2024

Expanded facilitation measure to all industries





# Cross-boundary Data Flow - Hong Kong Park of the Hetao Shenzhen-Hong Kong Science and Technology Innovation Co-operation Zone

Hong Kong will further capitalise on the advantages under "One Country, Two Systems", and promote the early establishment of a compliant and secure mechanism for cross-boundary flow of Mainland data to Hong Kong Park for scientific research purposes, supporting AI application testing and innovation.







# Tender Closing : 31 Dec 2025

# Sandy Ridge

- Launched an open tender on 10 Oct 2025 for a site of about 10 hectares at Sandy Ridge in the North District for the development of a data facility cluster.
- Will provide advanced computing power facilities, promoting the development of data and AI-related industries





# Enhanced Digital Transformation Support Pilot Programme

## Expediting the pace of digital transformation of SMEs

- Cyberport launched the Pilot Programme in 2024
- Provide subsidies on a matching basis to assist SMEs in applying ready-to-use basic digital solutions
- In the 2025 Policy Address, the Chief Executive announced to enhance the programme

### 3 existing Digital Solution Categories

Digital payment and point of sale systems

Online promotion

Customer management systems

**NEW**

**AI**

**Cybersecurity**





**Thank you**