

I&T and Digital Economy Development in Hong Kong

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Digital Policy Office

Setup of Digital Policy Office (數字政策辦公室)

Digital
Government



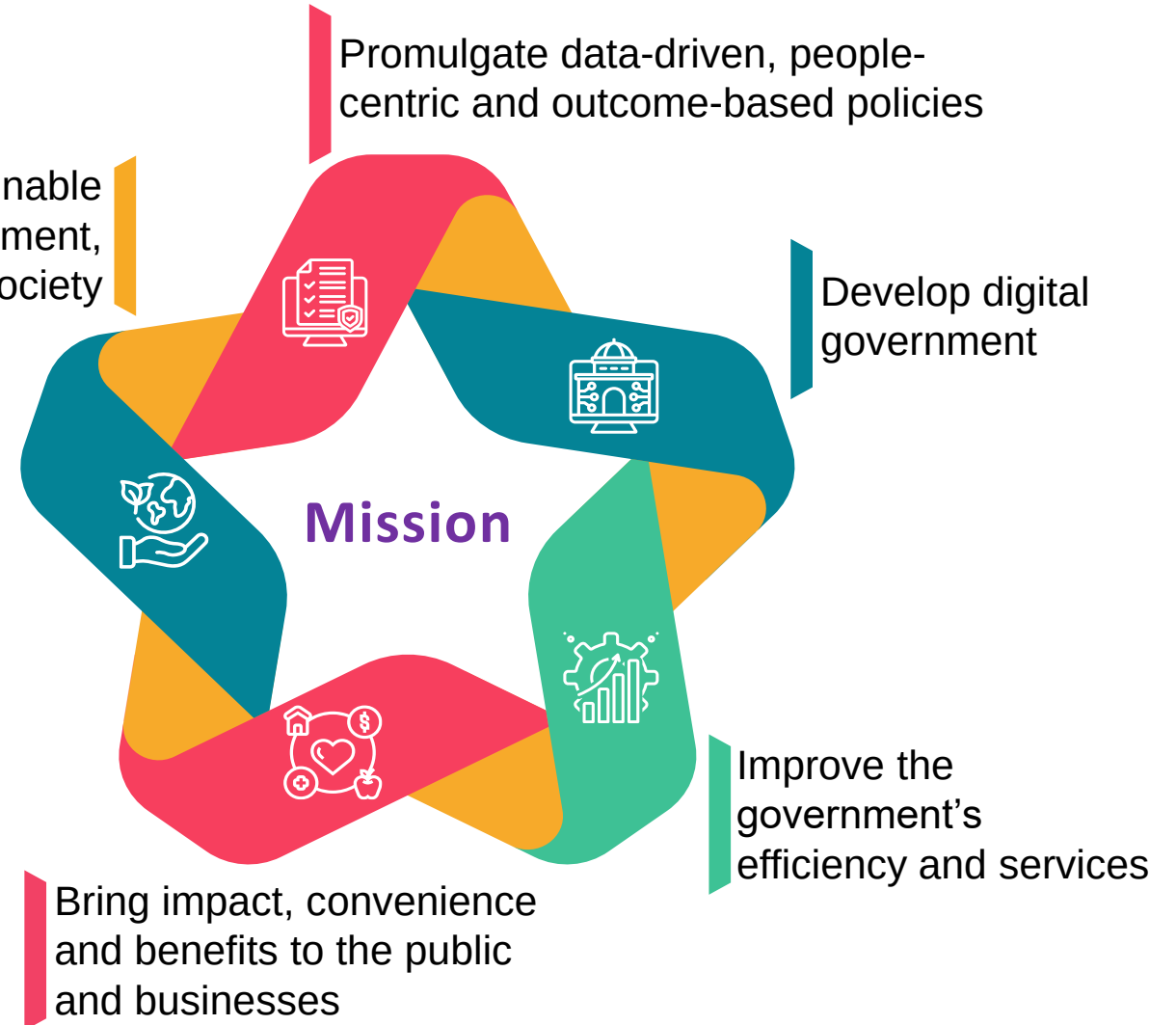
Digital
Infrastructure



Data
Governance



Support the sustainable
development of digital government,
economy and society



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.
- The Government will step up the promotion of AI as a core industry for Hong Kong's development, guided by the strategy of “strengthening infrastructure and promoting the application-oriented approach”.
- We aim to achieve “industries for AI” and “AI for industries”

AI產業化 產業AI化



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

The Chief Executive's 2025 Policy Address

2025.9.17

National Strategy - “AI+” Initiative

- To promote the extensive and in-depth integration of AI across various fields
- To accelerate the cultivation of new quality productive forces

Opportunities for Hong Kong

- To expect HK\$290 billion for businesses in Hong Kong in 2030

Global Hub for AI Development

- To leverage Hong Kong’s advantages under “One Country, Two Systems” to boost AI innovation and cultivate a vibrant AI ecosystem

New Quality
Productive
Forces
(新質生產力)

Importance of AI
X



Hong Kong's AI Policies

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



AI Strategies



Hong Kong's Advantages on AI Development



R&D Ability

- Three local universities ranked among the **top 20** worldwide in the fields of AI and data science
- Shenzhen-Hong Kong-Guangzhou cluster ranked **number one globally** in the 2025 Global Innovation Index ranking of the world's top 100 innovation clusters

- World's **premier international financial center**
- Unmatched **opportunities** for AI startups and businesses

Access to Capital



Data Advantages

- **Free flow of information and data**
- A vital convergence point for global and regional data to fuel AI applications

- Leveraging cosmopolitan culture, high quality of life, low tax regime, and world-class education system to attract and nurture AI talent

Talent



AI Efficacy Enhancement Team

To coordinate and steer government departments to –

1

Apply AI technology effectively to their work

2

Explore process reengineering to keep pace with the times

3

Promote technological reform in departments to improve efficacy



Why “Data Element x” matters?

No Data No AI

- Data is the “new gold”
- Data is the 5th productivity factor
- Data is the fuel for AI engine



$$AI = A + B + C$$

Open Data and Data Sharing

Open Data Policy (2018)



開放數據平台
DATA.GOV.HK



空間數據共享平台
Common Spatial
Data Infrastructure

From **~80** government B/Ds, and **30+** public and private organisations for free public use

Data Sharing Policy within the Government (2023)



Consented Data
Exchange Gateway



Commercial Data
Interchange

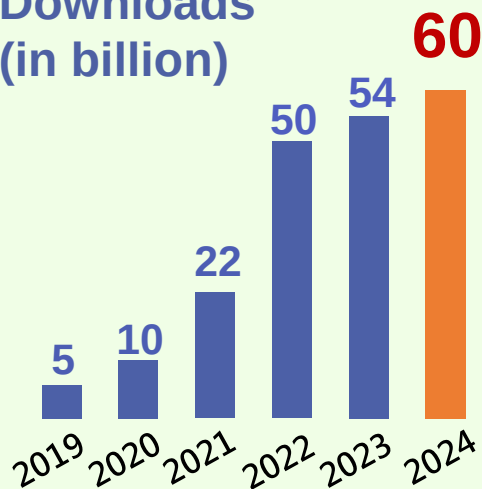
Processing **~2 million transactions a month**

Open Data

- **5 600+** Datasets
- **2 400+** Datasets with API
- **110+** Data Providers



Downloads
(in billion)

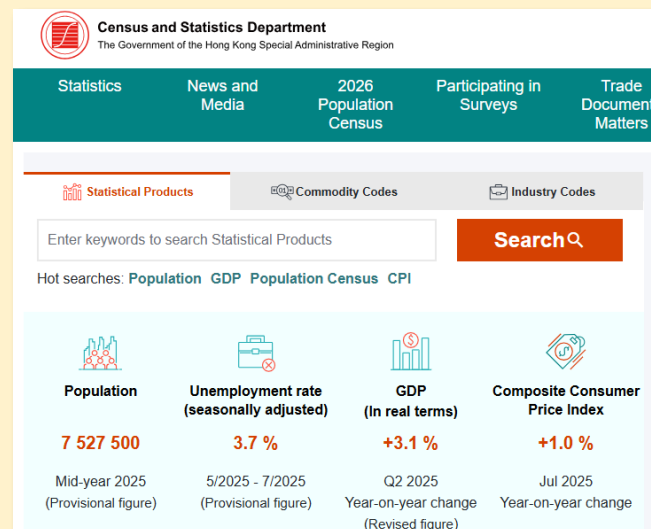


>55 billion



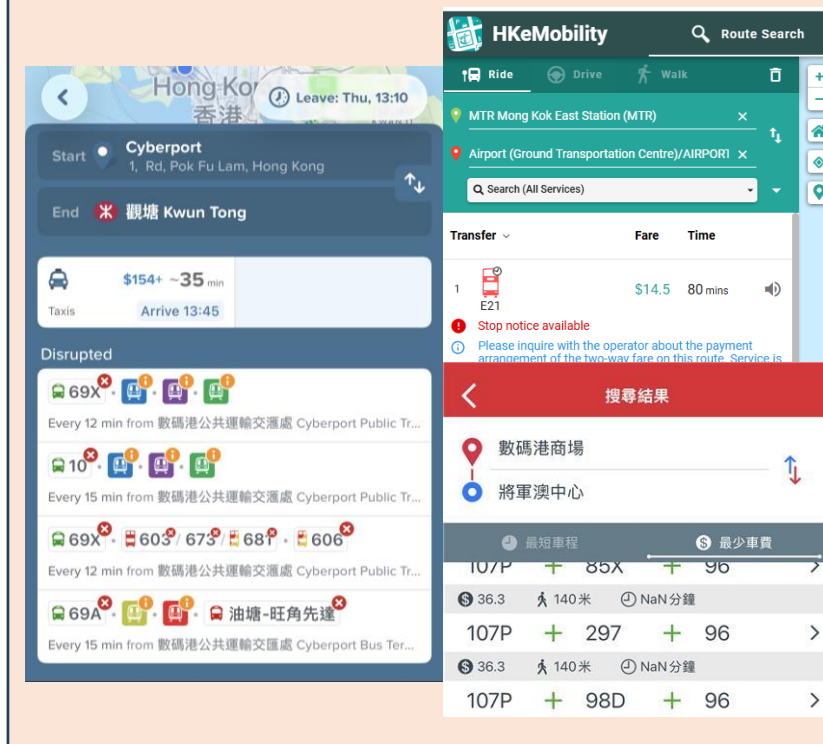
>4 billion

C&SD to use administrative data for population census 2026 and 2031 to save cost by **40%** (\$680 million)



Use of open data to deliver innovative service to customers

e.g. Collaboration of data from different public transport operators



New Open Data in 2025



Tree information from AFCD,
CEDD, DSD, HYD and LCSD



Real time water quality at
fish culture zones



Land Boundary Control
Points waiting time



Database of private buildings
(e.g. geo location, owners'
committee information)

Data Sharing in Financial Sector



Companies Registry

- Used by **8** banks to enhance their operational efficiency and risk management capabilities (**1.5 million transactions per month**)
- To obtain company search records via API for tasks such as automating online account opening process and conducting customer due diligence.



Land Registry

- Allow banks to search land and ownership information via API to streamline processes in relation to property valuation, mortgage and loan assessments
- Allow banks to receive e-Alert notifications when further charge/mortgage documents related to the mortgaged are lodged for registration



- Over **27** million data interchange since Dec 2023
- About **40%** application information for opening business bank accounts can be pre-filled by data from CR automatically

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

- Over **3.7** 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



eTAX: Log in without using password to file tax returns



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

... ..

“iAM Smart” – Enhanced Features

Personal Code

Digital document

More New Features

Mini-program platform

Single portal for online Government services

Enhanced Features

Enhanced “e-ME”

Simplified registration process

New user interface

Personal assistant page

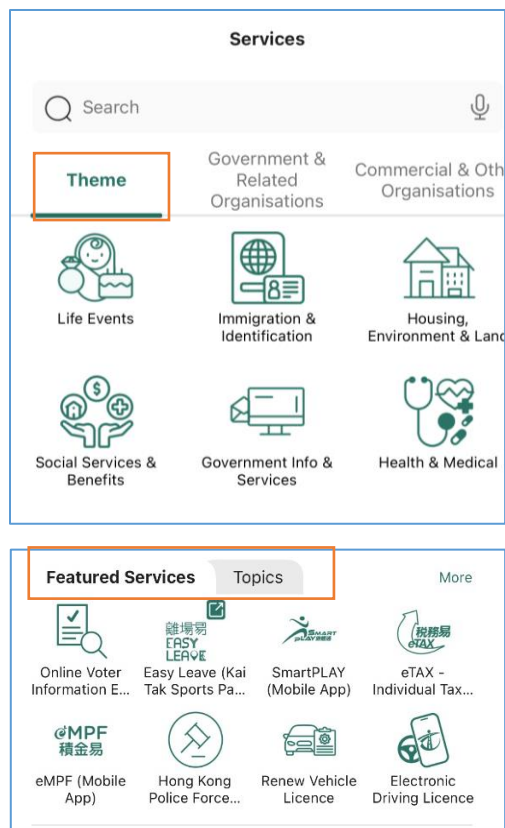
Bill payment function

Step-up authentication

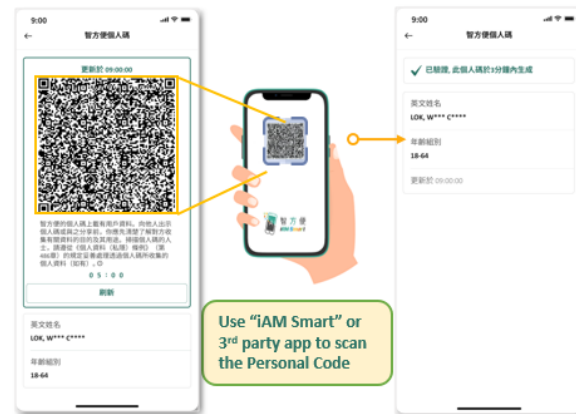


“iAM Smart” – Enhanced Features

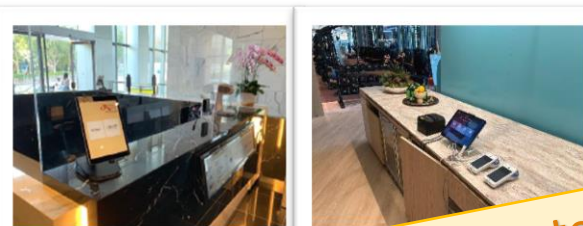
Citizen-centric UI



Personal Code

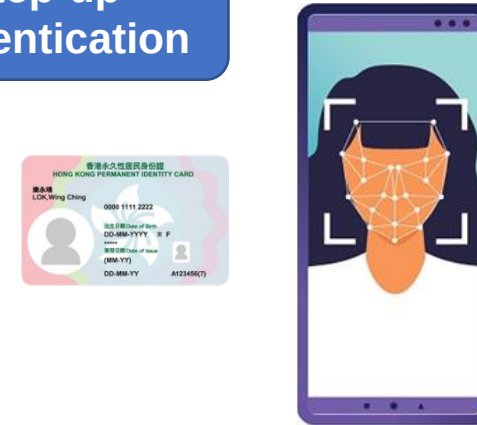


Visitor Registration



Over 20 estates

Step-up Authentication



AI Assistant



2026

New Business Opportunities with “iAM Smart”



Golden Source of Personal Identity

Reliable identity information for online services



Single Digital Identity

Access online services using secure biometric authentication



Remote KYC

Conduct critical process online without the need of face-to-face identity verification



Paperless Signing

Sign documents online with legal-backing



Reaching Out to New Customers

Large pool of “iAM Smart” users is available



“iAM Smart” Sandbox Programme

Assist public and private organisations in adopting “iAM Smart” functions to develop innovative services.



Scan to download
“iAM Smart” app

Digital Corporate Identity “CorpID”

The “corporate version” of “iAM Smart”



Opportunities to enhance the current corporate authentication process to better serve our business community



CorpID will be rolled out by end-2026

Scope



Companies incorporated or registered under the Companies Ordinance (Cap. 622)



Businesses (such as sole proprietorship or partnership) registered under the Business Registration Ordinance (Cap. 310)

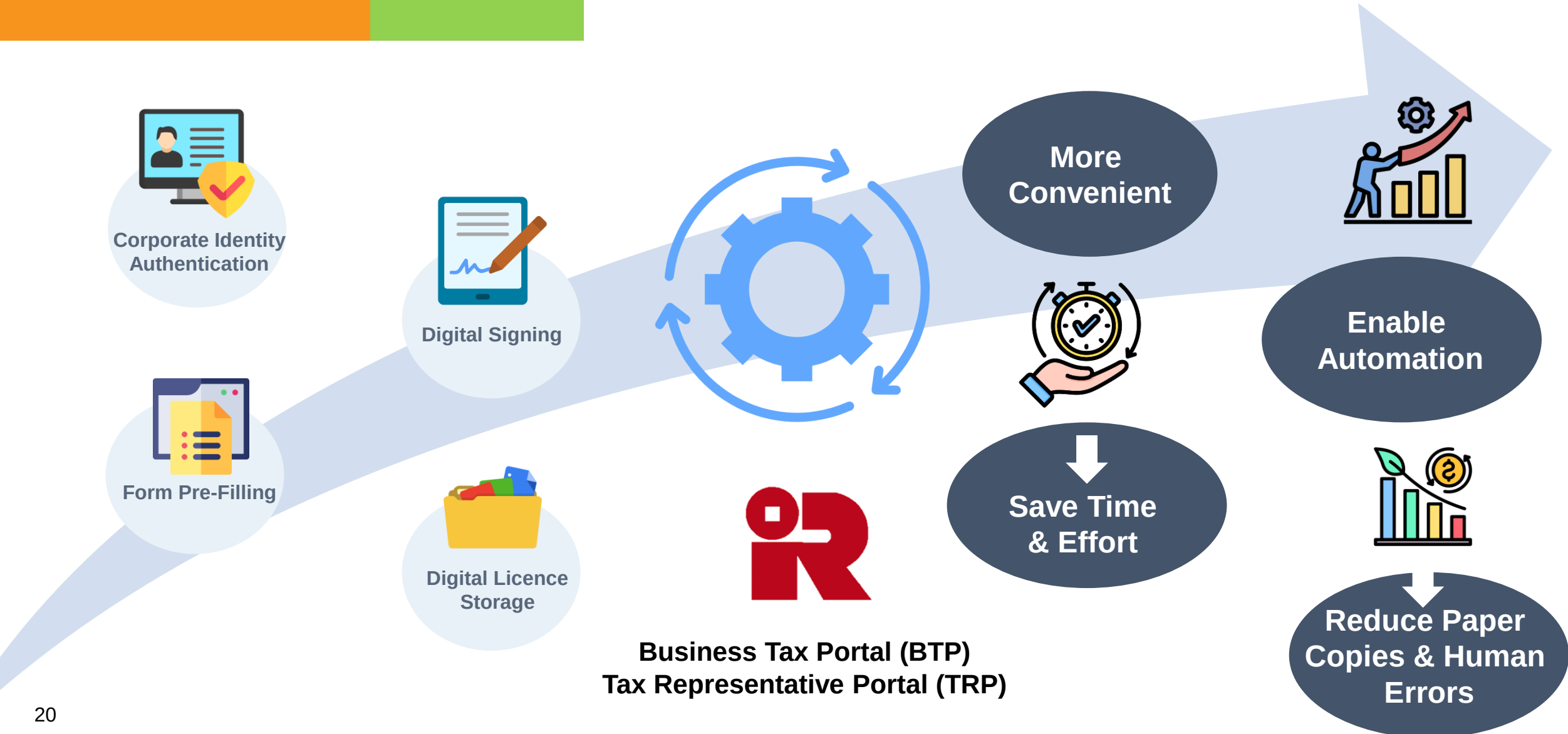


Government-to-Business



Business-to-Business

CorpID – Key Functions & Potential Use Cases



CorpID Major Milestones

All corporate-related G2B
e-services to adopt
CorpID

Sandbox
Programme



End
2026



End
2025



CorpID to be roll-out

On-going

Hong Kong Artificial Intelligence Research and Development Institute (AIRDI)

Major Functions:

- Continuously promote frontier research
- Foster integration with key industries
- Provide recommendations conducive to the promotion of AI development
- Facilitate international exchanges and collaborations in AI, attract top international talents
- Enhance public awareness and literacy, cultivate talents and to promote the widespread adoption and application

- Set aside HK\$1 billion for the establishment
- Target to be established in **2026**

AI Governance

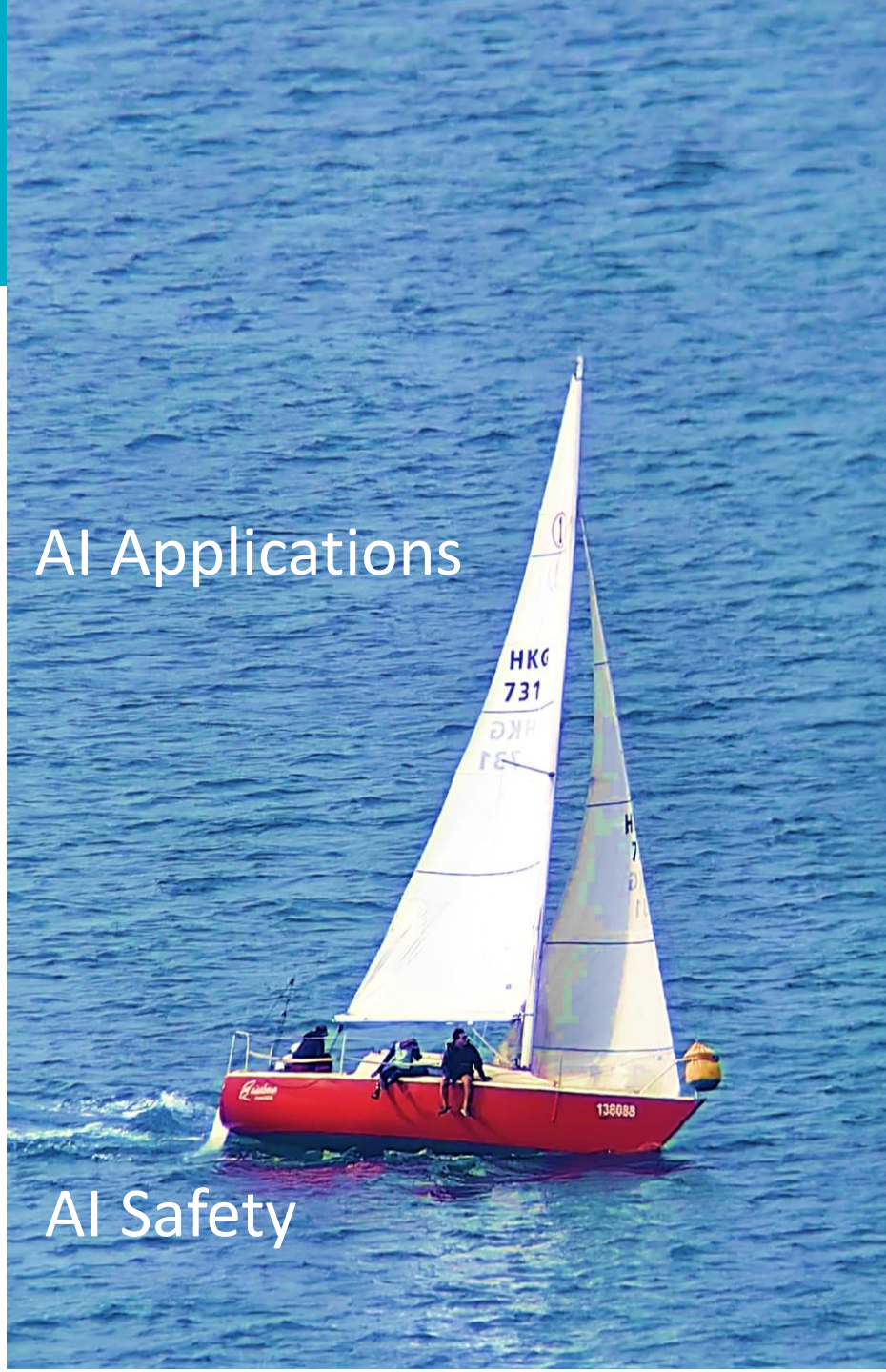
AI Applications

Encourage innovative applications of AI technology

Mitigate risks associated with AI development and deployment

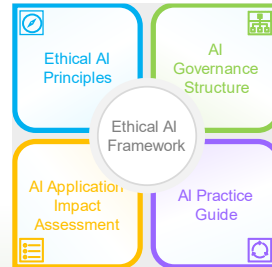
Promote the widespread adoption and advancement of AI in Hong Kong

AI Safety

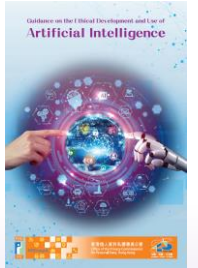


AI Governance Framework & Guidelines

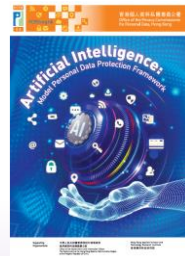
Ethical Artificial Intelligence Framework (by DPO)



Guidance on the Ethical Development and Use of Artificial Intelligence (by PCPD)



AI: Model Personal Data Protection Framework (by PCPD)



NEW

Checklist on Guidelines for the Use of Generative AI by Employees (by PCPD)



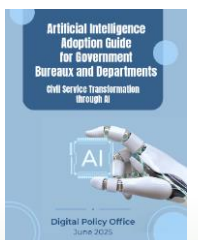
NEW

Hong Kong Generative Artificial Intelligence Technical and Application Guideline (by DPO)

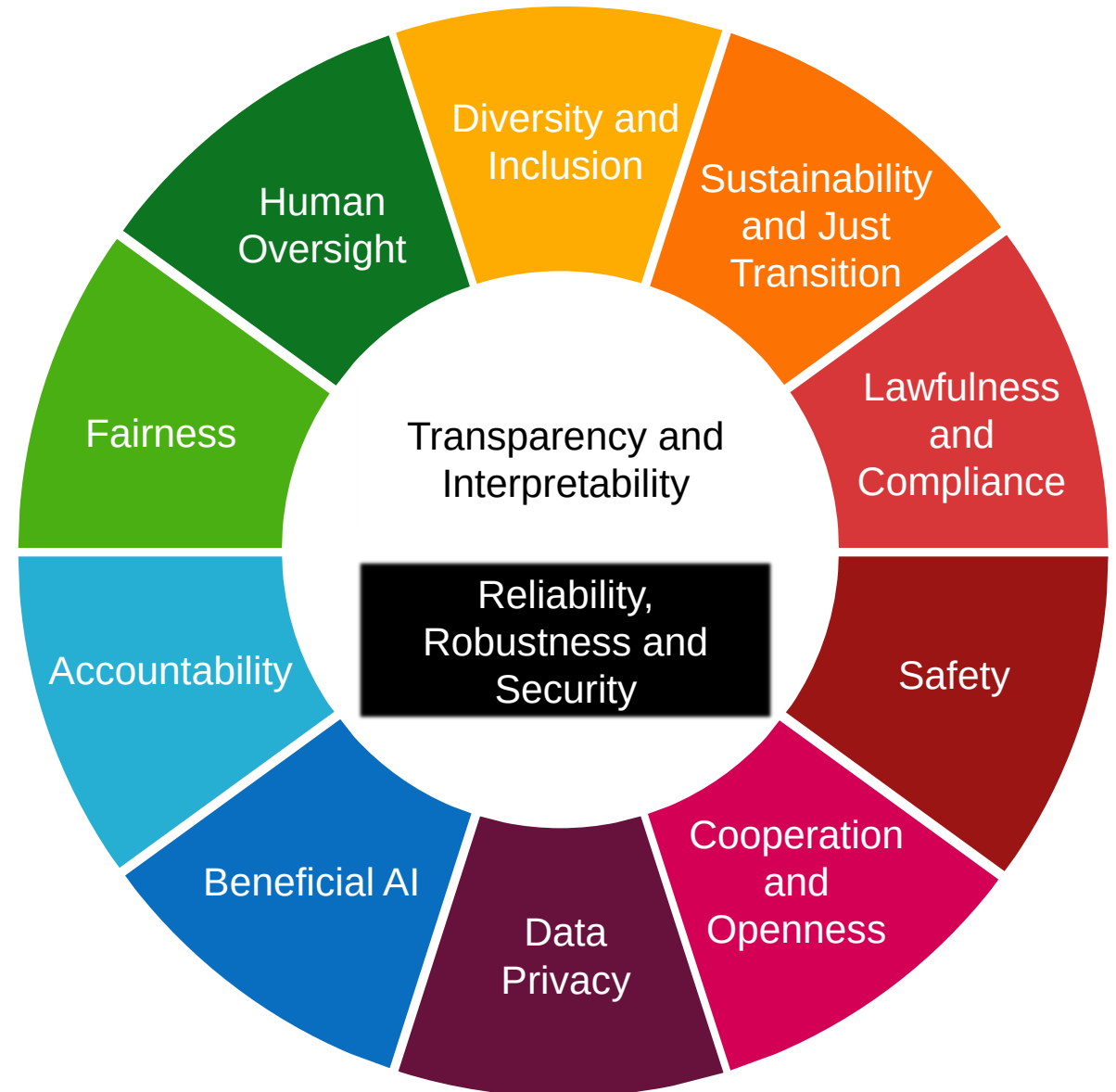
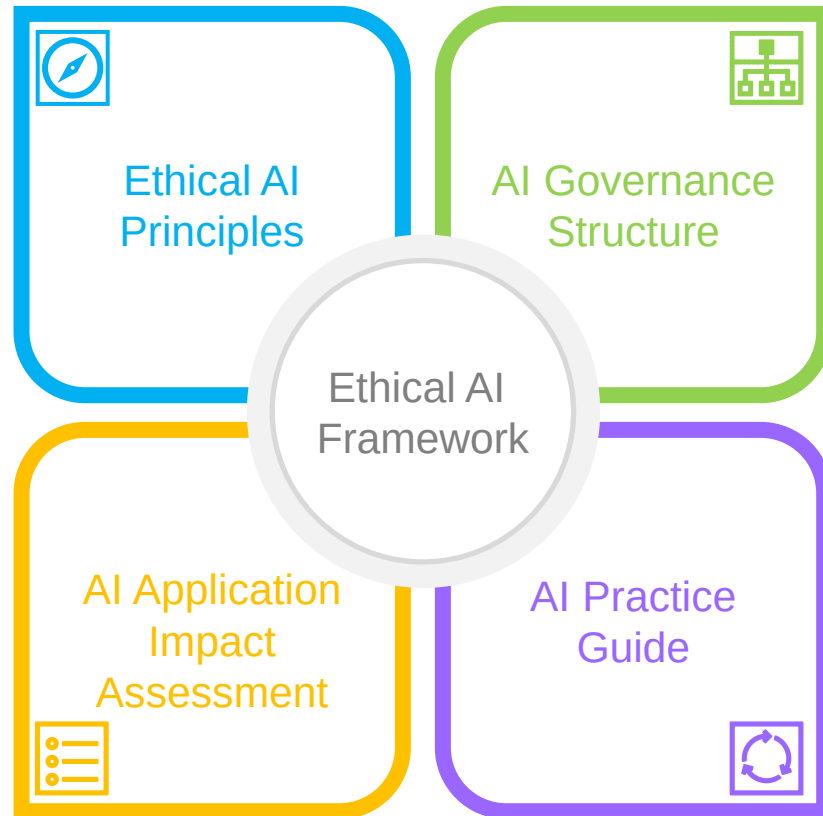


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AI Adoption Guide for Government Bureaux and Departments (by DPO)



Ethical AI Framework





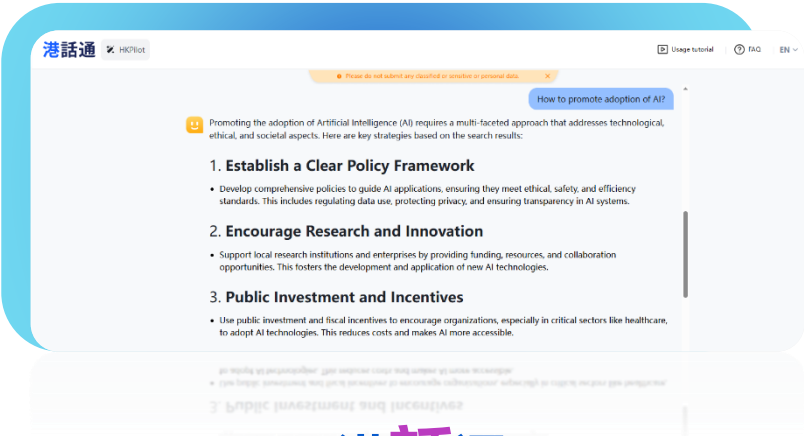
香港生成式人工智能研發中心
Hong Kong Research
Generative & Development
AI Center

Hong Kong Generative AI Research and Development Center (HKGAI)

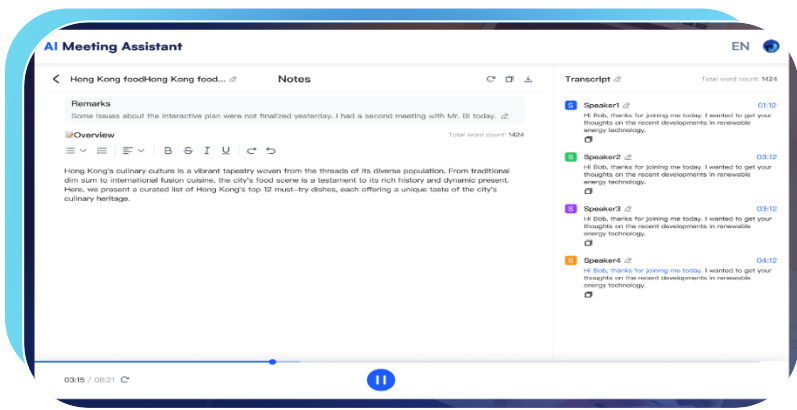
Launched its locally developed
“HKGAI V1” LLM in February 2025



港文通
HKPilot



港話通
HKChat



港會通
HKMeeting

AI Adoption

港話通
HKChat



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



Incorporate Hong Kong's local knowledge

Exhibit native-level mastery of biliteracy and trilingualism

Understand Hong Kong's legislative framework

Reflect Hong Kong's unique multicultural identity

AI + Civil Services

Robot Dog



Unmanned Aircraft System



Multifunctional Indoor Construction Robot



Intelligent Robot for Testing & Commissioning and Site Inspection



Wall-Climbing Robot



AI-powered Aqua-bot



Pipeline Inspection Robot



Crawler-type Survey Robot



River Ranger



Tumbler Inspection Ball Robot



Chatbot Kiosk for Police Foundation Training



Virtual Customs Ambassador – XiaoHui



AI Environmental Investigation



數字政策辦公室
Digital Policy Office

1823



Industry Support on AI – Enhanced Digital Transformation Support Pilot Programme

Expediting the pace of digital transformation of SMEs

- Cyberport launched the Pilot Programme in 2024
- Provides 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

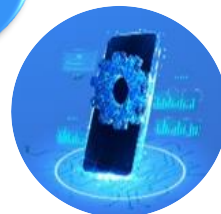
3 existing Digital Solution Categories



Digital payment and point of sale systems



Online promotion



Customer management systems



AI



Cybersecurity

Food and beverage

Tourism

Retail

Personal services

Sandy Ridge

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



Talent Development

Rising Demand for AI Talent and Digital Transformation

- **86%** of employers expect AI and information processing to transform their businesses by 2030 (World Economic Forum).
- AI job postings rising from 1.6% in 2023 to 1.9% in 2024, one of the **fastest-growing job categories**



Pooling AI Talent

- Enable faster recruitment and admission of experienced AI professionals by the Talent List.
- Set aside \$2billion in the QEF to support digital education in primary and secondary schools
- Release the Blueprint for Digital Education in Primary and Secondary Schools in 2026.
- Encompass strategies such as optimising the interface between primary and secondary curricula of Information Technology and I&T education, setting out an “AI literacy” learning framework, incorporating AI education into the core curriculum, enhancing AI training for teachers, and introducing corporate resources

Develop Hong Kong as a Global Hub for AI Development

**Step up promotion of AI as core industry,
“Industries for AI” and “AI for industries”**

**Expand the Application of AI, promoting AI business
applications**

Strengthen Advantages in Data for AI



Thank you