

# Strategy and Status on Al and Digital Government in Taiwan

Department of Digital Service

Ministry of Digital Affairs

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## Tortoise Media's Global Al Index (83 countries/122 indicators)

#### **Asia Rankings:**

Country	Global Rank
China	#2
Singapore	#3
South Korea	#6
Japan	#11
Taiwan	#21

Source: The Global Al Index



#### **Implementation**

**Talent** focuses on the availability of skilled practitioners in artificial intelligence solutions. # 28

**Infrastructure** assesses the reliability and scale of access infrastructure, from electricity and internet to supercomputing capabilities. # 4

Operating Environment focuses on the regulatory context and public opinion on artificial intelligence. # 71

#### Innovation

**Research** looks at the extent of specialist research and researchers, including numbers of publications and citations in credible academic journals. # 27

**Development** focuses on the development of fundamental platforms and algorithms upon which innovative artificial intelligence projects rely. # 15

#### Investment

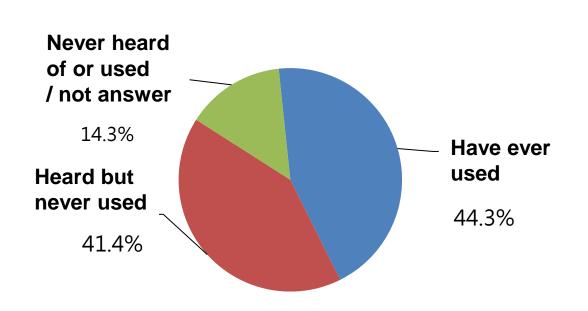
Government Strategy gauges the depth of commitment from national governments to artificial intelligence; investigating spending commitments and national strategies. # 38

**Commercial** focuses on the level of startup activity, investment and business initiatives based on artificial intelligence. # 19

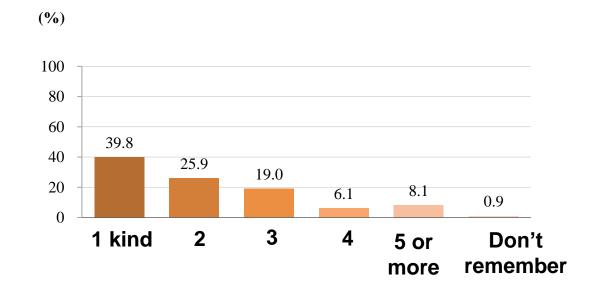


Source: The Global Al Index

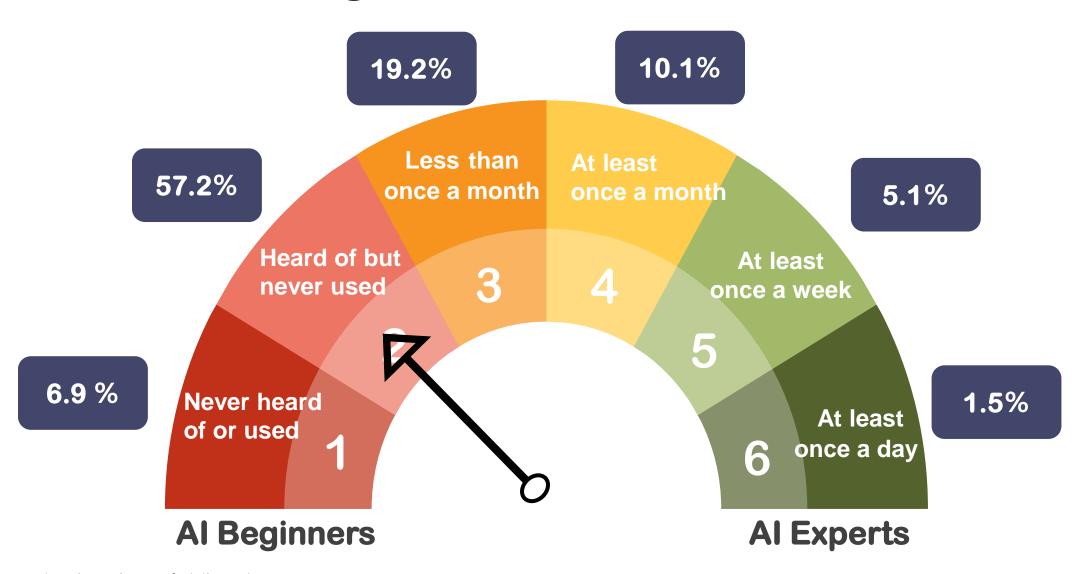
## Generative Al Usage Experience Among General Public



Number of AI tools used per person (On average, 2.4 AI tools were used.)



## **Generative AI Usage Experience Among Frontline Civil Servants**



## Al Talent Gap in Industry

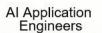
61.5% Industry Al

Talent Shortage

Industry urgently needs Al-ready professionals with practical skills and cross-domain knowledge

#### **Difficulties in Recruiting Key Positions**







Consultants



Data Scientists



Al Test Engineers



Al Project Managers



Al Security Specialists



3,457-4,227 positions

Estimated annual additional demand for Al talent

#### Taiwan's Holistic Strategy for Talent Cultivation

#### **Government as Lead**

**Public-Sector AI Training** 

Systematic AI and data-skills training for civil servants

#### **Universal Access**

From Schools to Lifelong Learning

Promoting K-12 tech education and

" Hour of AI " activities to encourage AI



#### **Industrial Momentum**

Assisting Enterprises in Adopting Al

Subsidizing the development of AI tools for industry, with a maximum of **NT\$4 million** per case

#### **Establishing Standards**

iPAS Professional Competency Assessment

Connecting AI competency standards for civil servants, the public, and industry; standardizing courses and certification

## **Establishing Al Basic Act**

#### **Legislative Purpose**

To promote innovation, safeguard human rights, and protect national sovereignty and cultural values

#### **Legal Positioning**

Serves as the fundamental administrative guideline for AI development

#### (1) Seven Fundamental Principles (Articles 1–3)

- 1. Sustainability 2. Human Autonomy 3. Privacy Protection and Data Governance
- 4. Safety 5. Transparency and Explainability
- 6. Fairness

7. Accountability

#### (2) Four Key Areas of Implementation

(Articles 4–7)

**Innovation Cooperation** 

and Talent Development

Support AI R&D and applications

· Foster environments for

Al literacy

Promote public-private and

international cooperation

through incentives and subsidies

innovation and experimentation

Develop Al talent and strengthen

(Articles 8–11)

#### **Risk Management and** Responsible Use

- Promote Al risk classification
- Establish Al assessment and supervisory tools and mechanisms
- Strengthen human control over Al systems
- Establish AI risk and liability frameworks
- Prevent unlawful uses of Al

(Articles 12–15)

#### **Protection of Rights and Data Utilization**

- Set principles for government use of AI in official duties
- · Protect workers' rights and support employment transitions
- Safeguard personal data privacy
- · Promote data openness and reuse
- Enhance protection of cultural value and related property rights

(*Articles* 16–17)

#### **Regulatory Alignment and Review of Administrative Functions**

- Review and align mandates, operations, and regulations with this Act, and issue guidelines where needed
- · Interpret existing laws lacking AI provisions in accordance with this Act

The draft AI Basic Act was approved by the Executive Yuan on 28 August 2025 and submitted to the Legislative Yuan for deliberation.

## **Supporting Measures of Al Basic Act**

#### **Innovation Development**

#### 1. Adequate Resources

MOEA

- Statute for Industrial Innovation
- Act for Development of Small and Medium Enterprises

Subsidies, incentives, guidance, financing, and additional AI tax deductions

#### 2. Available Data

MODA/ PDPC  (Draft) Act on the Promotion of the Provision and Use of Public Data
 Open data and reuse (de-identification)

**MOHW** 

 (Draft) Health and Welfare Data Management Act

Mechanisms for opening health and welfare data

**MOEA** 

Copyright Act
 Using others' works for Al training

#### 3. Enabling Environment

MOTC

 Traffic (Autonomous Vehicles) Regulation

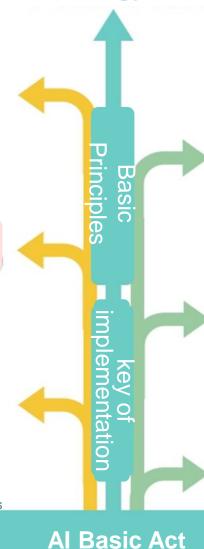
Rules for on-road deployment of self-driving vehicles

**FSC** 

Regulatory Sandbox

Al application guidelines for financial institutions

AI Smart Technology Island



#### **Safe Applications**

#### 1. Risk Management

MODA

 Evaluation and Testing Tools and Guidelines

Guidance for assessing AI products and services

• Al Risk Classification Framework Categories of risks for Al applications

Office of Homeland Security /FSC/MOHW/ MOTC/NCC

Risk Classification Specifications

CI risk categories and specific high-risk industries (e.g. strengthened management when using sensitive personal data)

#### 2. Protection of Rights and Interests

**PDPC** 

Al Risk Classification Framework

Al personal data protection self-assessment checklist

MOJ/ MOI /FSC /NCC /MODA

Four New Anti-Fraud Laws

Handling unlawful Al-enabled fraud cases

MOL

Labour-Related Laws and Guidelines

Employment protection and non-discrimination

Consumer Protection Committee

Consumer Protection Act

Labelling and information requirements for Al products and services

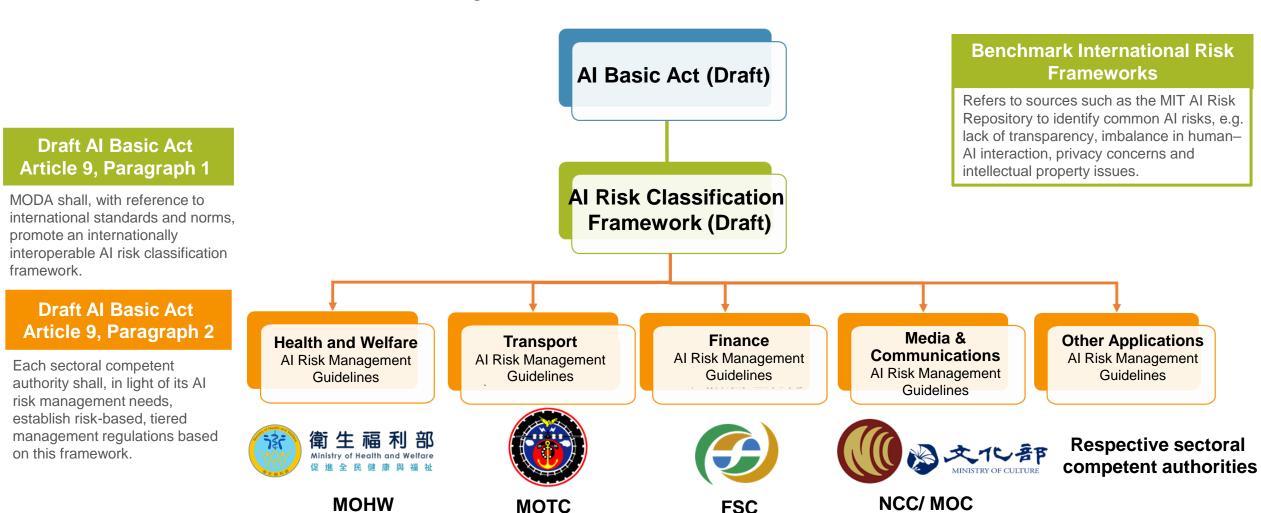
Fair Trade
Commission

Fair Trade Act

Addressing misleading Al-related advertising and unfair competition

## **AI Risk Classification Framework**

Under the draft AI Basic Act, MODA is promoting an AI Risk Classification Framework, and sectoral authorities will set risk categories and rules for their own domains.



## Overall Planning

### 10 Major Al Infrastructures

## Ten Major Al Infrastructure Projects

**Smart Applications** 

**Driving comprehensive Al development** 

Key Technologies

Building an Al National Defense Cluster

**Digital Foundation** 

Advancing Al ranking into the global top five

Al Software Industry Leadership (MODA)

Smart
Applications
among
Industries
(MOEA)

Smart Living for All Citizens (NSTC)

Photonics
Technology
for Global
Leadership
(MOEA)

Quantum
Computing at
the Global
Frontier
(NSTC)

Global
Al Robotics
Supply
Chain Hub
(NSTC)

Sovereign
Al and
Computing
Infrastructure
(NSTC)

Smart
Government
and Data
Governance
(MODA)

Al Application Talents & Innovation Fund (NDC) Balanced Regional Al Development (NDC) Vision for 2040

Over NT\$15
Trillion

**Industrial Output Value** 

500,000+

High-Paying Job Opportunities

International Al Laboratories

## **Smart Nation 2.0 (2025-2028)**

### Smart Technology Task Force

(NSTC / MOEA / MODA)

- Advance sovereign Al across compute, corpora, international cooperation and core R&D.
- Strengthen digital infrastructure, from next-generation networks to secure satellite systems.
- **Invest in frontier technologies**, including semiconductor innovation and quantum research.



## **Smart Nation**

2.0

### Smart Industry Task Force (MOEA/ MODA)

- Expanding Smart Applications across data-driven innovative services.
- Driving Industrial Digitalization and Net-Zero Transition by cloud services for micro, small and medium enterprises, enabling technologies.
- Build resilient, trusted and democratic global supply chains.
- Promote AI industrialization and broad AI adoption in all industries.



## **Smart Governance Task Force** (MODA/ NDC)

• Advance digital legal and regulatory alignment.

- Enhance smart government services through high-quality digital public services, Al-enabled policymaking, and climateresilient, internationally connected digital governance.
- Strengthen Public-Private data governance to support evidence-based policymaking, responsible private-sector data use, and interoperable multi-source databases.
- Develop civic technology via public—private hackathons and experimentation that foster co-creation and innovation with citizens.

#### **Smart Inclusion Task Force**

(MOE/MODA)

- **Promoting inclusion and social cohesion** by protecting digital human rights, <u>advancing inclusive AI</u>, and empowering diverse, older and new immigrant communities.
- Cultivating digital talent by developing cross-disciplinary digital skills in schools, upgrading workforce competencies, and nurturing startup and innovation talent.
- Enhancing learning environments through technologyintegrated smart teaching and the development of smart, digitally enabled campuses.



## **Governance Structure** for Smart Nation 2.0



#### **Steering Committee**

Convener: Vice Premier of the Executive Yuan

(17-24 members)

**Deputy Conveners: Ministers without Portfolio** 

Members: Heads of central ministries and agencies, chair of the Civil Advisory Committee, and representatives from academia and experts

Executive Secretary: Executive Secretary, Office of Science and Technology Policy, National Science and Technology Council (NSTC)

#### **Executive Secretariat**

#### **Supporting Unit: NSTC Science and Technology Office**

- Coordination across task forces, ministries and local governments
- Integrated policy planning with AICoE and DSET

#### **Civil Advisory Committee**

(40-50 members)

#### **Smart Technology**

Lead Agency: **NSTC**Co-Lead Agencies: **MOEA / MODA** 

- Sovereign Al Advancement (NSTC/MODA)
- Digital Infrastructure Enhancement (MODA/MOEA/NSTC)
- Strategic Frontier Technology R&D (NSTC/MOEA)

#### **Smart Industry**

Lead Agency: **MOEA**Co-Lead Agencies: **MODA** 

- Smart Application Expansion (MODA/MOC/MOEA/MOE/FSC)
- Industrial Digitalization and Net-Zero Transition (MODA/MOEA/EPA/MOTC)
- Global Democratic and Resilient Supply Chains (MOEA)
- Al Industrialization & Industrial Al Adoption (MOEA/MODA/MOA)

#### **Smart Governance**

Lead Agency: **MODA**Co-Lead Agencies: **MOEA** 

- Digital Legal and Regulatory Adaptation (NDC/NSTC/MODA/PDPC/NCC)
- Smart Government Services (MODA/MOA)
- Public Private Data Governance (MODA)
- ■Civic Technology Development (MODA)

#### **Smart Inclusion**

Lead Agency: **MOE**Co-Lead Agencies: **MODA** 

- Social Inclusion and Cohesion (MOE/MODA/MOHW/MOI)
- Digital Talent Development (MOE/MODA/MOL/NDC)
- Learning Environment Enhancement (MOE)

## **Envisioning Taiwan's Digital Life in the Next 10 Years**

Harnessing AI and digital technologies to build a new digital society and deliver better, more convenient lives for all.

Health data analytics to shorten the

#### **Using Digital Technologies to Address Social Challenges and Improve Well-being**

AI + smart home IoT for wholeof-home intelligent services



**Smart** Living

Forward-looking net-zero technologies for a sustainable green society



Zero

Al and smart assistive devices for independent living in old age | path from detection to treatment



Care

Al-enabled technologies to strengthen disaster prevention and response



**Disaster** Resilience



Precision Healthcare

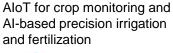
Using land, ocean and hydrological data with AI to support adaptation actions



Climate **Adaptation** 

#### **Driving Industrial Upgrading and Transformation Through Innovation**

Unmanned factories integrating robots for end-to-end production





**Smart** Manufacturing



**Smart Agriculture** 

Data-driven financial innovation and inclusive financial services



MR-based virtual sports venues and immersive sports experiences





**Sports** Technology

#### **Human-Centered Digital Technologies for Inclusion and Equity**

Al personal assistants helping new immigrants adapt to life in Taiwan



Social **Inclusion**  AI + VR to recreate historical scenes and traditional culture



Cultural Inclusion

6G and advanced medical testing to enable high-fidelity telemedicine



Health **Equity**  AR/VR for immersive and interactive learning experiences



**Education Equity** 

Al navigation and autonomous wheelchairs for independent mobility



**Transport Equity** 

## Thank you for listening

## Other Key Drivers for Al Development

1. Talent Cultivation (developer and user)

2. Data Cloud (sharing and security)

3. Service Chain 4. Computing Pool (adoption and Promotion) (supply and efficient use)



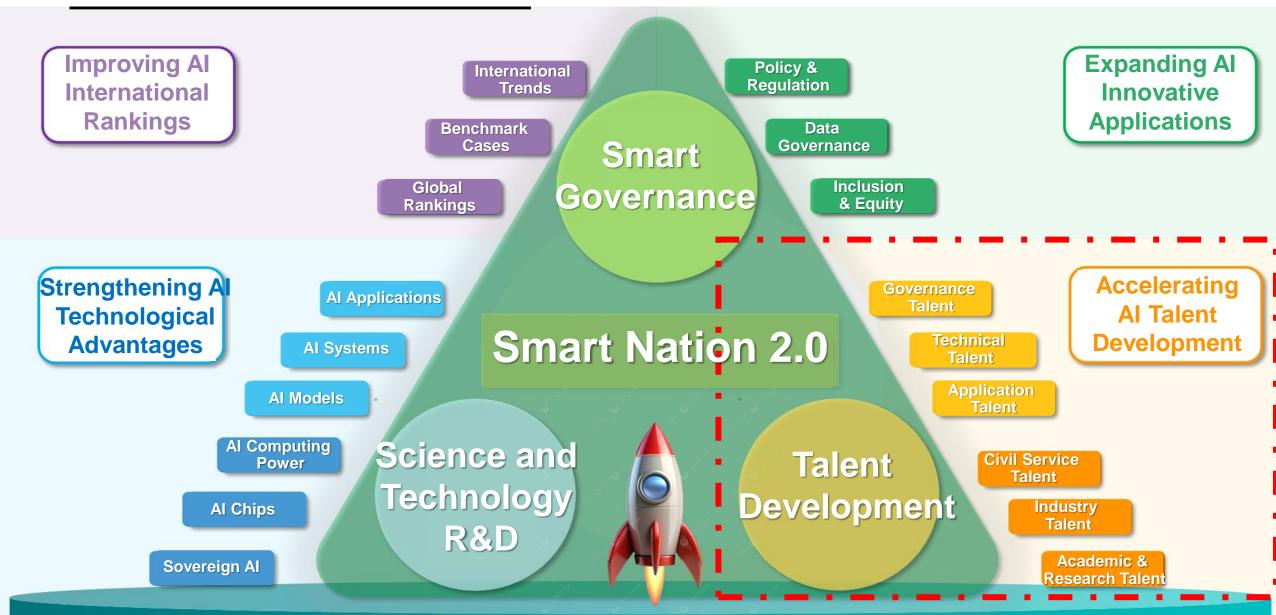




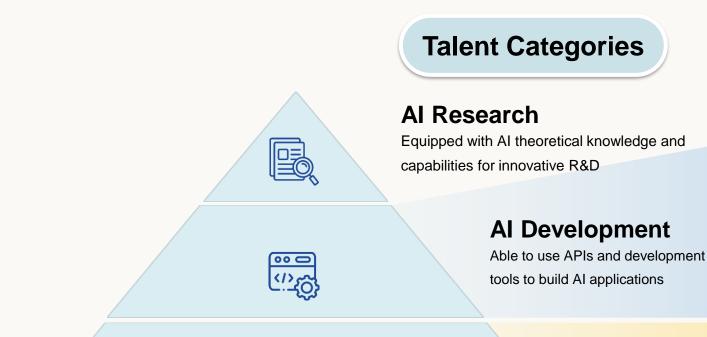


Others: power supply, funding, programs, testbeds, marketing, etc.

## 1. Talent Cultivation



## **Al Talent Categories**



**Capability Types** 

Al Programming and Implementation

**Al Model Training** 

**Al Model Training** 

Al Application Literacy

**Al Tool Utilization** 

Combining public, academic and private-sector training and certification resources.

#### **Al Application**

Possessing basic Al literacy and the ability to use Al tools in practice

e Al Tool

#### 7人G70 AI公務人才發展辦公室 TAIWAN AI GOVERNMENT TALENT OFFICE

#### Convener

Minister of DGPA

Experts from NSTC and industry are invited

Members:

 Working group leaders:
 Officials at director level or above

#### **Deputy Convener**

Deputy Minister of DGPA

Advisory Committee

(Advisory Body)

#### **Deputy Convener**

Deputy Minister, MODA

## Supporting Unit HRDI

\* Human Resources Development Institute (HRDI)

#### Secretariat

- Office and meeting administration
- Decision and progress tracking
- Ad hoc coordination and support

#### **Strategy Group**

Directorate-General of Personnel Administration(DGPA)

- Plan national AI talent development strategies
- Develop incentives for Al adoption

#### **Training Group**

#### Human Resources Development Institute

- Develop AI certification, learning pathways, and standard training for government
- Cultivate AI seed trainers and establish training mechanisms
- Set up mechanisms to track Al civil service talent and international linkages

#### **Application Development Group**

#### Ministry of Digital Affairs (MODA)

- Promote and support AI adoption and innovation in government
- Guide agencies in using shared resources to develop general-purpose AI tools
- Track outcomes of AI innovation in government and facilitate experience sharing

Source: TAIWAN AI GOVERNMENT TALENT OFFICE

## 2. Data Cloud- Data Governance Strategies for Al

- Promote legislation of the 《 Data Innovation and Utilization Development Act》
- Launch the 《 Taiwan Sovereign Al Training Corpus 》
- Establish the 《 Taiwan Sovereign Al Training Data Licensing Terms》
- Develop mechanisms for deploying privacyenhancing technologies

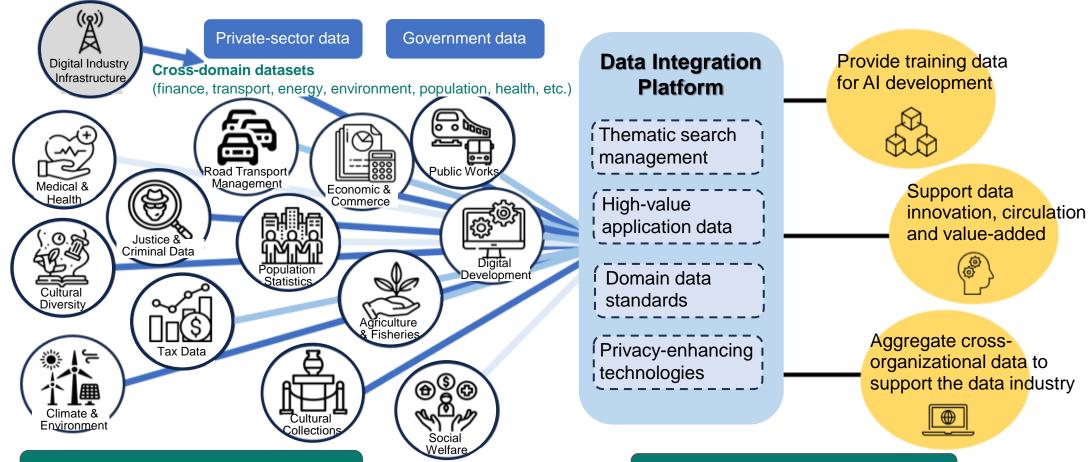
## Project Objectives

- 1. Support training needs of Taiwan's sovereign AI models.
- 2. Enable lawful and compliant corpus sharing.
- 3. Broaden the scope and diversity of training data.

## Implementation Strategies

- Develop the Taiwan Sovereign AI Training Corpus.
- 2. Establish unified licensing terms for training data.
- 3. Incentivize corpus release by public and private sectors.

### **Specific Al Models for Government Services**



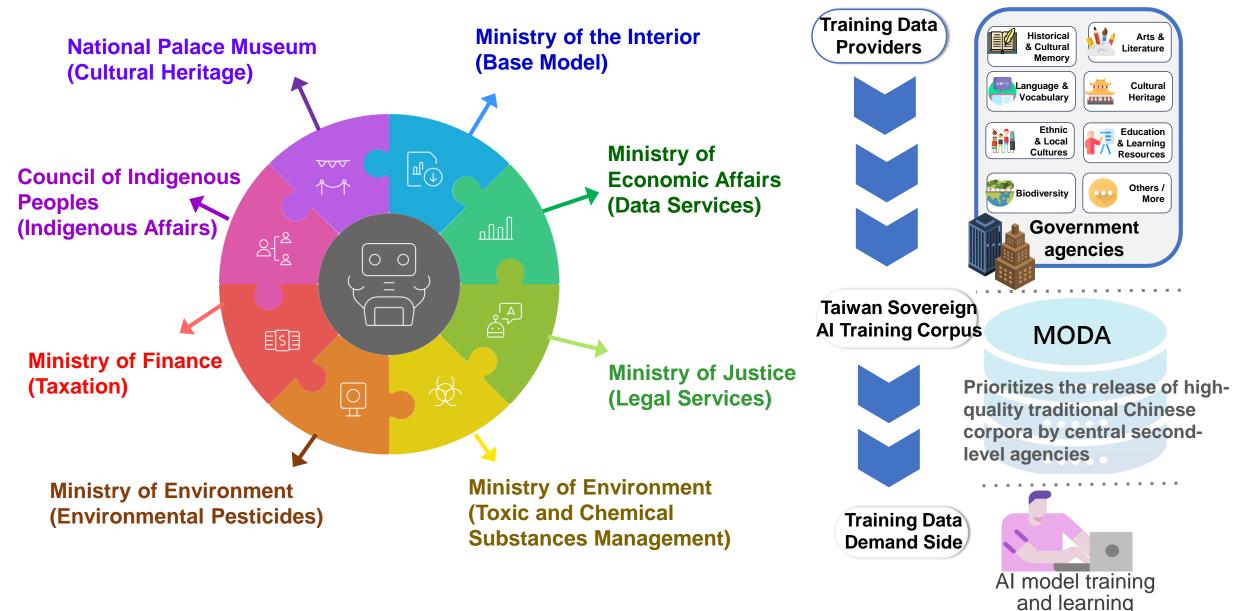
#### **Implementation Strategies**

- 1. Data integration and privacy deployment frameworks
- 2. Privacy-preserving, secure data integration platform
- 3. High-value thematic data-sharing solutions and ecosystem

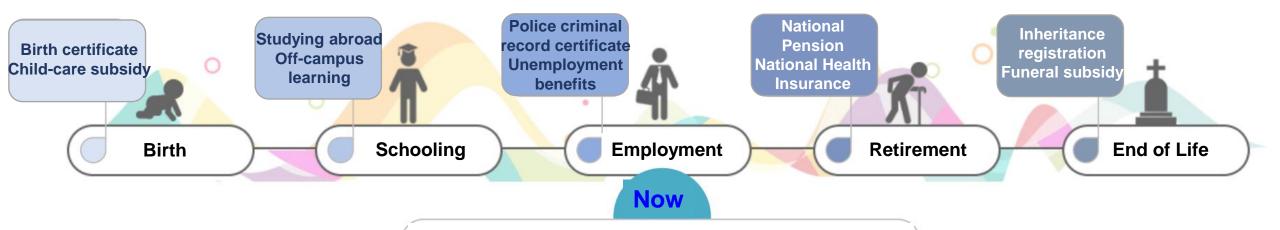
#### **Expected Outcomes**

- Secure, compliant cross-domain government data flows
- Stronger privacy protection, more data sharing and innovation, and a trusted data environment for the public

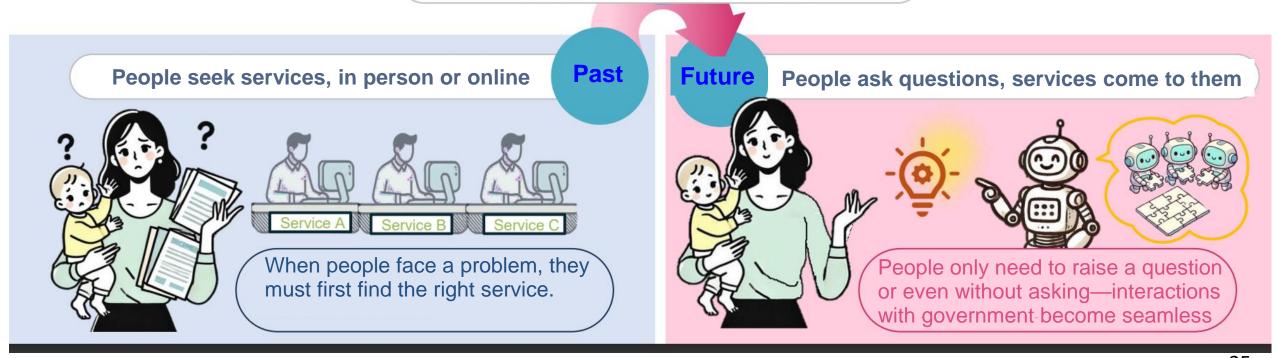
## **Develop Al Models for Key Service Domains**



## 3. Service Chain



Government portals help people find services



Images generated by AI

## Digital Government Program of Taiwan



**Execution Strategies** 

2026

2027

2028

2029

2030

1. Develop Smart Public Services

Smart customer service systems

**Smart secretaries and smart service counters** 

**Smart service environments** 

2. Build Smart
Administrative
Services

Operational data preparation

- 1. Smart information assistants
- 2. Smart administrative assistants
- 3. Smart business assistants

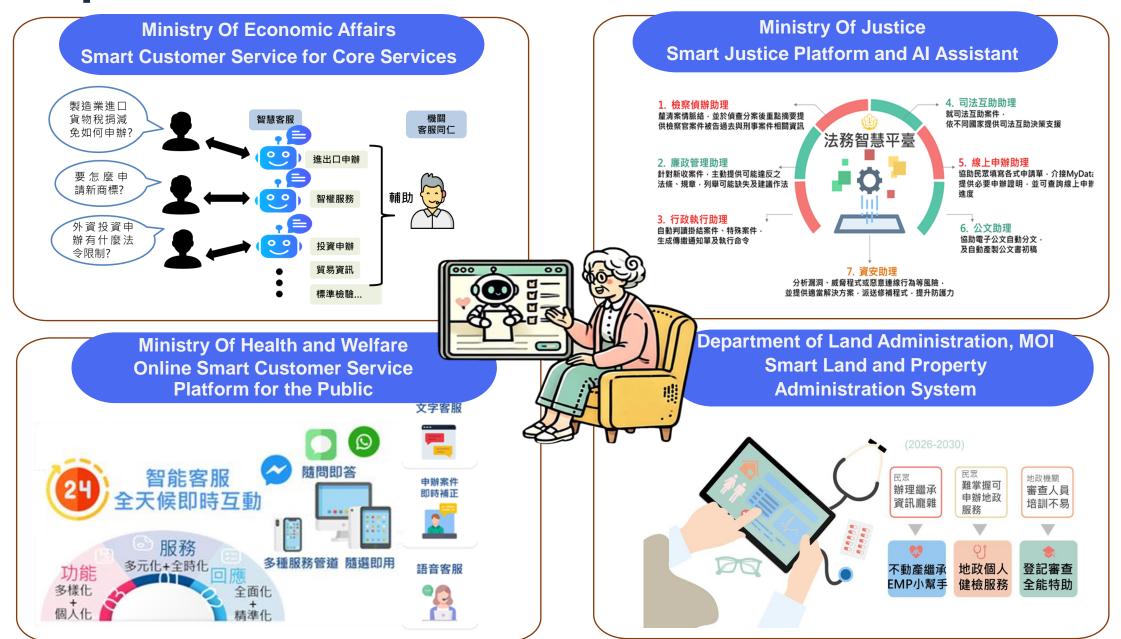
- 3. Establish Data and Model Foundations
- I. Data Architecture and Privacy-Enhancing Technologies
- 2. Al models for core government business

4. Promote Inclusive and Equitable Smart Government Services

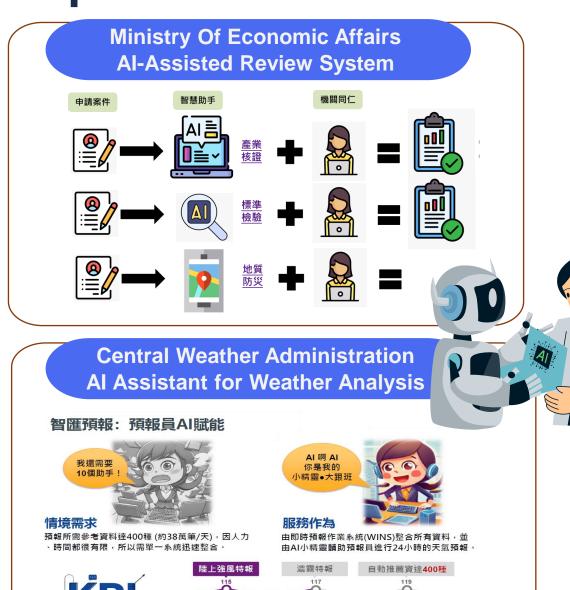
User experience design, service accessibility, feedback mechanisms, and service performance metrics and evaluation

- 5. Strengthen the Enabling Environment for Government Al Applications
- 1. Data convergence mechanisms and base infrastructure
- 2. Backbone government network connectivity
- 3. Al competency training and Al application guidelines for government staff
- 4. Testbeds for government large language model applications
- 5. Cross-domain digital services

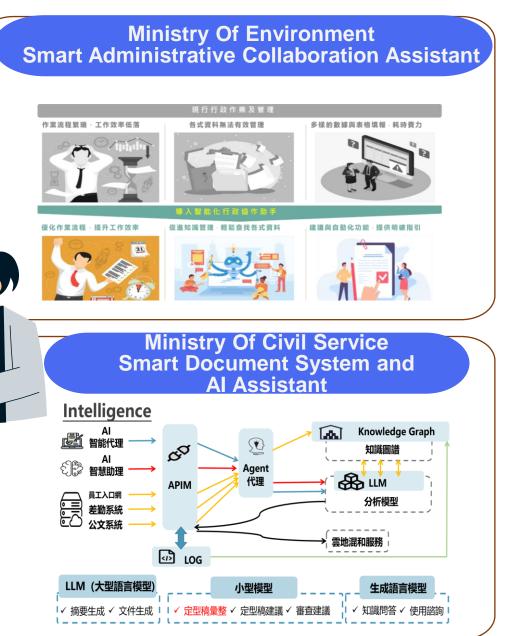
## **Examples: Smart Services for the Public**



## **Examples: Smart Administrative Services**



低温特報



## Al Testbeds for Agency PoC Trials

### **Government AI Application Sandbox (TryAI Platform)**

## Large Language Model Environment

 with over 30 commercial and open-source large language models (LLMs)

#### Al Bot Marketplace

- Compile over 20 reusable, interoperable AI bots
- Incubate domain-specific AI bots and publish them on the platform
- Share prompt engineering practices

## Share Successful Use Cases

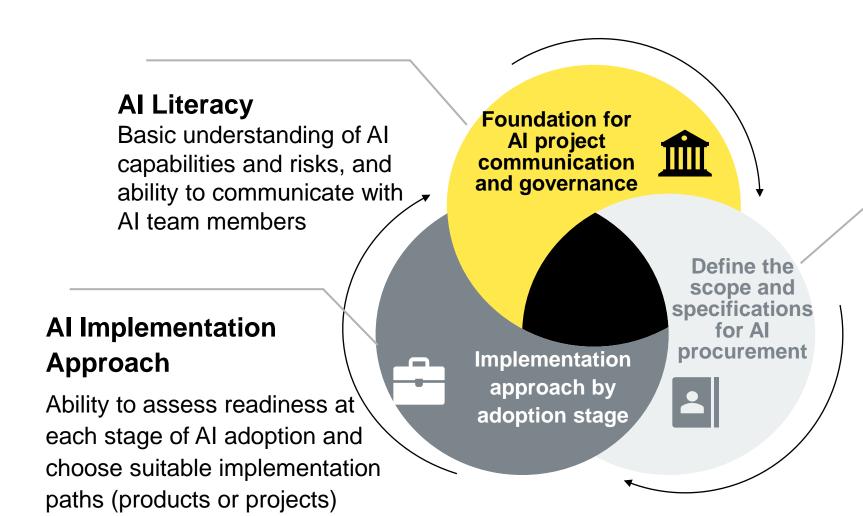
- Facilitates cross-agency exchange of AI innovation cases
- Sustain operations and scale adoption







### Public Sector Al Playbook: Guiding Service Implementation



#### **Al Procurement**

Ability to define AI procurement scope (products or projects) and prepare required compliance documents after initial assessment

## **Inclusion:**

## **Building Inclusive and Equitable Al-Enabled Government Services**



## Improving the User Experience of Al Digital Services

Conduct usability testing for AI applications and their related websites, apps or web interfaces, and refine the user interface and workflows based on the results



## **Ensuring Accessibility** in Al Digital Services

Ensure that AI applications and their related websites, apps or web interfaces comply with accessibility design standards and obtain the accessibility certification issued by MODA



## **Gathering Feedback** on Al Digital Services

Design robust feedback mechanisms for Al applications, and use the feedback to continuously improve Al digital services



## Collecting Performance Metrics for Al Digital Services

Develop automated tools to collect performance data on Al digital services across agencies, and use these metrics as a basis for ongoing service improvement.

## 4. Computing Pool – Resource Options

## Testbed Resource Investment – Approaches A B C

#### A. Commercial Models

For use cases without sensitive data, agencies are encouraged to directly use existing commercial models or API-based services (e.g. ChatGPT, Gemini)

### **B. On-Site Service Deployment**

Invite major international vendors to deploy onpremise and closed AI application services, ensuring sovereign AI and data security

#### C. Self-Built Resources

Work with NCHC to use selfbuilt computing power, models and front-end interfaces, and promote their adoption by government agencies









## Computing Power Pool- C: Self-Built Resources

Provider		Computing Pool Name	Approx. Computing Power (PF)	GPUs	
Government	NSTC / NCHC	Taiwan Chip-based Industrial Innovation Program	16 (planned to 100)	H100 DGX 96 GPUs H200 DGX 128 GPUs (planned to 100)	
	NSTC / NCHC	Southern Taiwan Smart Technology Industrial Ecosystem Plan	(under planning)	(under planning)	
	Administration for Digital Industries (ADI), MODA	the "AI Computing Power" initiative	1.58	H100 DGX 32 GPUs MI300X 8 GPUs	
Private	Foxlink+Ubitus+Shinfox	Ublink (Phase 1 Al Green Computing Center)	45.82	H100 DGX 1,024 GPUs	
	NVIDIA Taiwan Al Research Center	Taipei-1(NVIDIA)	22.3	H100 DGX 512 GPUs L40 OVX 256 GPUs	
	Holtek / Realtek	GMI Cloud	11.15	H100 DGX 256 GPUs	
	Foxconn Group	Foxconn Supercomputing Center	6.12	H100 DGX 128 GPUs	
	Foxconn Group	High-Speed Rail Park - Advanced Computing Center			
	Xiang-Yao Industrial	XY Industrial AICC	46.54	H200 DGX 1,024 GPUs	
	AMD Taiwan	AMD Taiwan AI Research Center			





2008







2011

2003

台灣首座百T主機 2005 为和国者WINDRIDER

台南分部 台灣第一個國家級 成為國研院轄下 超級電腦中心 成立 非營利組織

2017

新世代Peta主機

台灣杉一號

AI超級電腦 台灣杉二號

2018

台灣首座

TAIWANIA 1 TAIWANIA 2 TWCC COMPUTING TAIWANIA 3

2019

AI 技術研發與 雲端服務平台

成立

2021 台灣杉三號

2025-2029

**Taiwan Cbl Program** and Southern Taiwan Silicon Valley Program, deploying 480 PF of Al

computing capacity

177 TF

1.7 PF

9 PF AI-HPC

2.7 PF

3.53 PF

可信賴雲端資料

分析服務平台

2024

創進一號

-預定啟用

-預定建置

1993

1991

國網中心 新竹本部成立 台灣高品質 學術研究網路 (TWAREN)啟

2004

2016

**TWAREN 100G** 台中分部成立

網路啟用

執行第三期與第四期 前瞻計畫 建構先進網路建設

2021

2022 行政院核定

A級資安等級

FOX交換中心 啟用

2023

自主建置南北 骨幹光纖啟用

國科會AI對話 引擎專用主機 2025 2029

大南方計畫 南科聯網 沙崙AI資料中心 中心啟用

動工









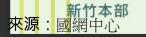
台南分部

#### ISO 國際標準驗證

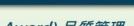
Chicago STARLight

- ✓ ISO 9001 (Plus Award) 品質管理
- ✓ ISO 27001 資安管理系統
- ISO 27017 安全雲端環境
- ✓ ISO 27018 個人隱私資料保護
- ISO 20000 資訊服務管理驗證
- ✓ ISO 27701 個人資訊管理
- ✓ ISO 50001 能源管理系統
- ✓ ISO DCOS 數據中心營運標準









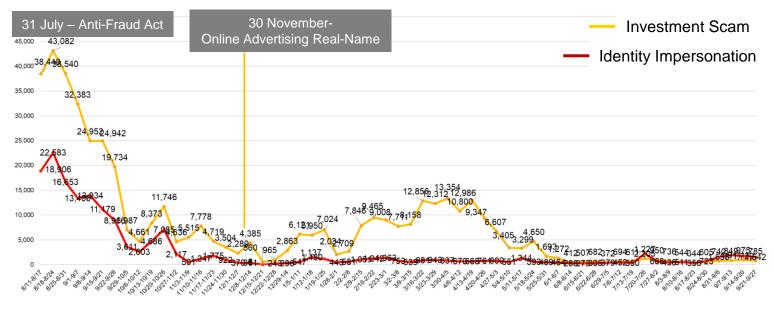


# Scam Prevention and Resilience

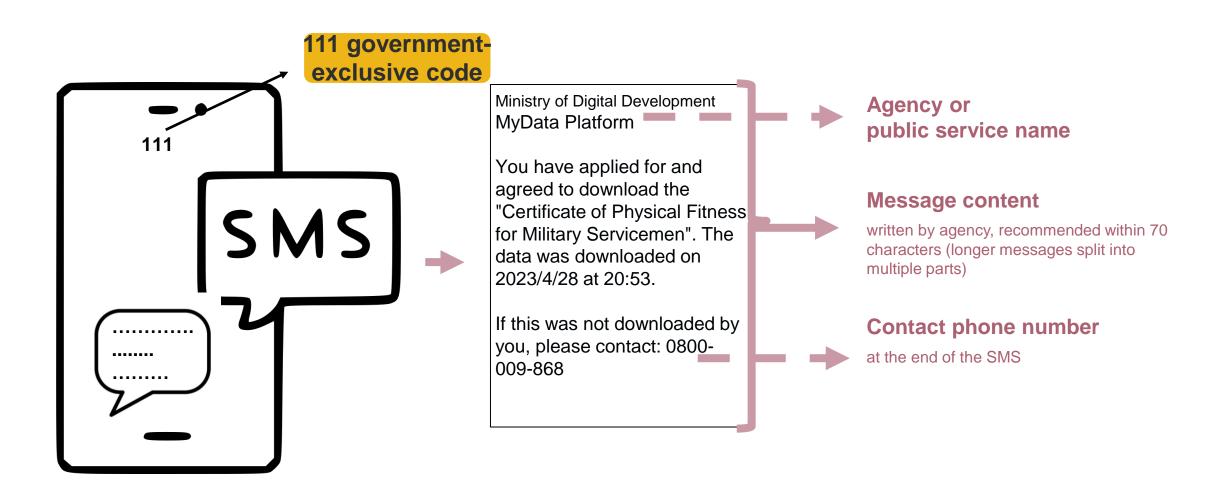
### Online Scam Reporting and Inquiry Website







## 111 Shortcode Messages



## System Architecture



## **Government Agencies**

Access control &

- Secure, not Internet-stored
- Operated by MODA
- Direct SMS sending by agencies

111 SMS Platform

- Flexible delivery & reporting
- Minimal data retention

- Nationwide coverage
- Anti-spoofing protection
- Uniquely identify official government

**Citizens** 

Standardized SMS format

account management

IP whitelist &

encryption

Deliver SMS to citizens

**Telecom Operators** 

## Implementation Results Rapid Growth in 111 SMS Usage and Users



60M+

Messages sent since 2023 launch



500+

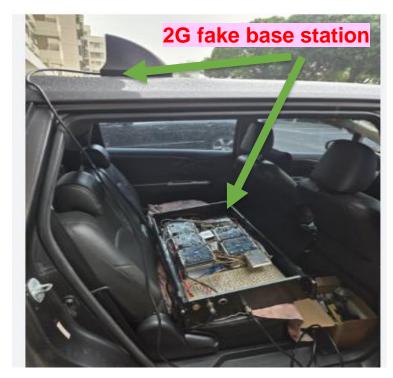
39

Government agencies & state-owned enterprises

including water and electricity payment notifications, overdue tax payment notifications, fine payments, notifications of National Pension rights, outpatient schedule changes, etc.

## Risks & Challenges First Case of Fake "111" SMS

**2G networks lack mutual authentication**, allowing fake base stations to deceive phones and increase scam risks. Scammers use **illegal 2G base stations** to send fake "111" SMS, tricking users into **clicking phishing links or calling scam numbers**.



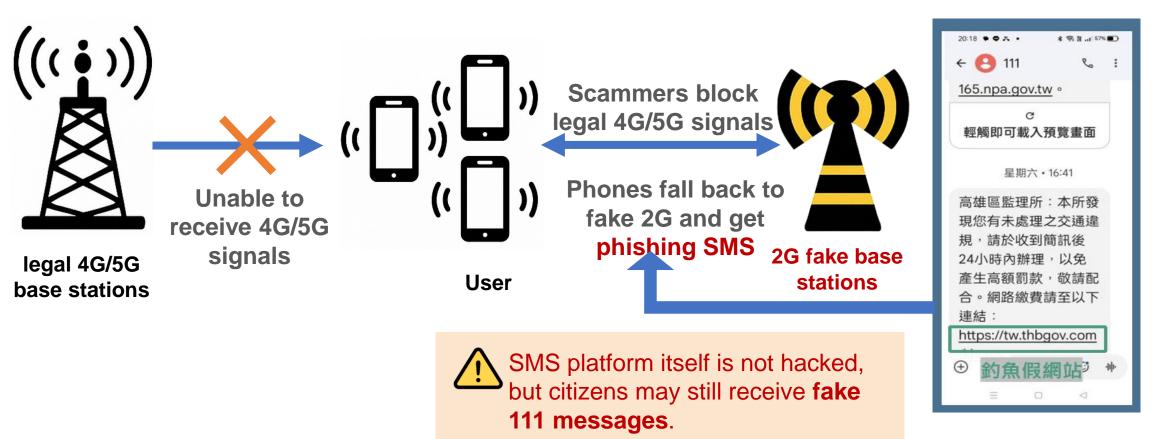
**Source:** https://udn.com/news/story/7315/8378420?from=udn-ch1\_breaknews-1-cate2-news



Source: https://news.pts.org.tw/article/725454

## Risks & Challenges Illegal 2G Fake Base Stations

Criminals may exploit 2G fake base stations to send fraudulent "111" SMS



#### Countermeasures

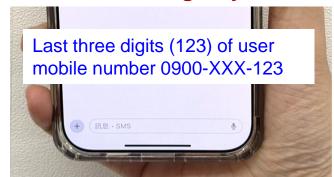
### Upgraded to Include the Last 3 Digits of Mobile Numbers

#### **Before**





Now begin with the last three digits of the user mobile number and the agency name.



#### After

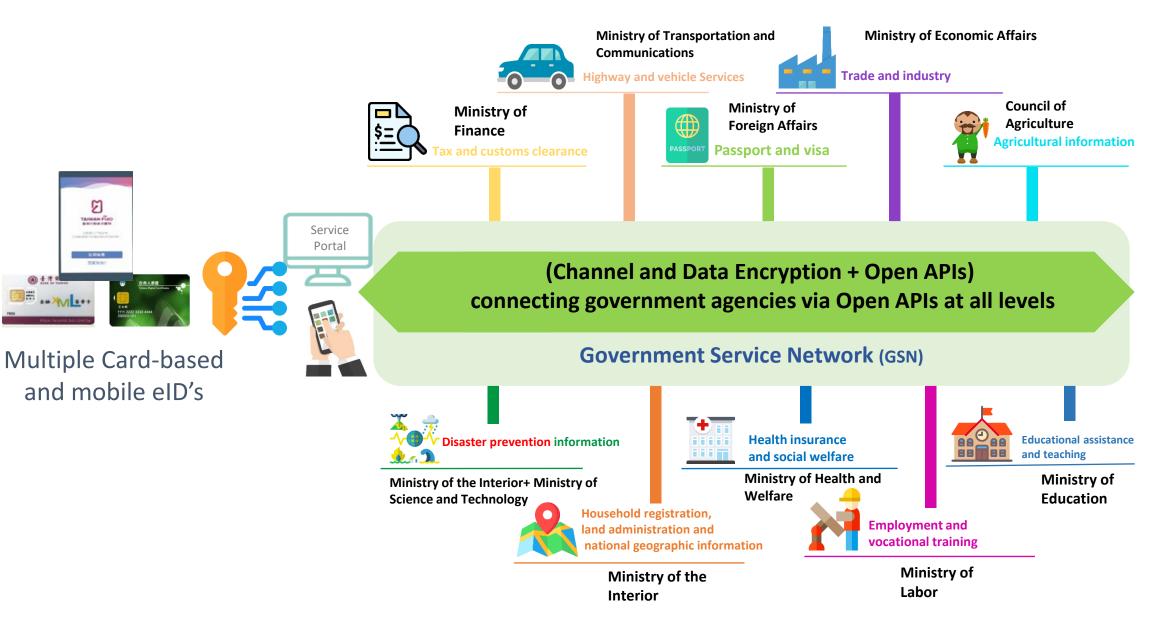
## **Triple Verification** source number (111)

last three digits
+
agency name

#### **Key Benefits**

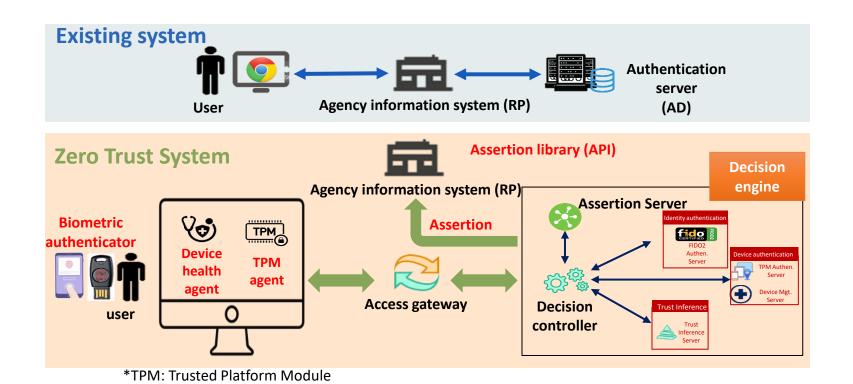
- 1. Enhance SMS recognition and security
- 2. Stop governmentimpersonation fraud
- 3. Protect citizens' information security and rights
- 4. Build trust in digital government

#### **T-Road Architecture**



#### **Zero Trust Architecture**

- Referring to the NIST zero trust architecture, the Resource Portal-Based Deployment method is adopted, including 3 core mechanisms:
  - Identity authentication : Multi-Factor authentication and assertion
  - Device authentication : Device identification and health management
  - Trust Inference: User scenario trust inference mechanism



## Cybersecurity Class A agencies must implement ZTA.

- Legislative Purpose: To actively promote the national information security policy and accelerate
  the establishment of a national information security environment to ensure national security and
  the public interest.
- Regulatory Objects: Those who have a major impact on people's lives, economic activities, and public or national security are the objects of management.

#### **Government agency**



- Central and local agencies (institutions)
- public juristic person
   (excluding military and intelligence agency)

#### **Specified non-government agency**

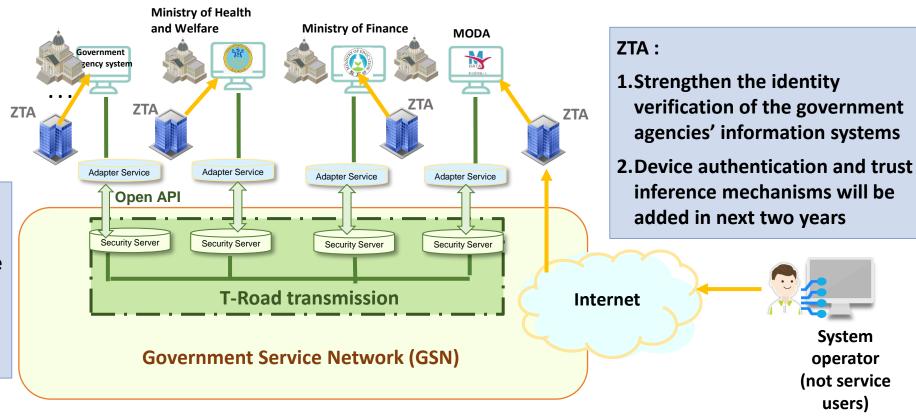
- Critical infrastructure provider
- Public sector
- Government-endowed foundation

Agency type	Class A	Class B	Grade C	Class D	Class E	Total
Central government	47	113	466	225	111	962
Local government	0	102	499	5,001	730	6,332
Specified non-government agency	45	124	147	89	21	426
all types	92	339	1,112	5,315	862	7,720

Note: As of 2/16/2023

### T-road + ZTA Enhances Cyber Resilience

T-road + ZTA enhances the identification and protection of data transmission and usage. Combining with other cyber security protection mechanisms to strengthen the overall cyber resilience.



#### T-road:

- 1. Decentralized architecture avoids single point of failure
- 2. Enhanced transmission security
- 3. Unified data flow format