



**KGID  
2025**

**Green Growth:  
The Path to  
Sustainable Jobs**

# Korea's National AI Strategy

: Empowering Economic Advancement with Green Growth

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# 1. Background (1/2) : AI, a **Core** tool for Korea's revitalization

Korea's potential Economic **slowdown**

Entering a Phase of  
Ultra-low Growth

Low  
Employment Rate

Entrenchment of  
Income Polarization

Overcoming the challenge **through AI**

AI

Advancement of all industries  
(including Environmental Industry)

Improvement of quality of life

Reduction of regional and social disparities

AI-powered  
value-based  
Nation

# 1. Background (2/2) : Korea's Capabilities

- Strengths Enabling Korea's Leap into a potential Global AI Leader

AI Model Technology Catch-up	EXAONE	Solar Pro 2
	#11 globally ('25.7)	Global top 10 ('25.7)

Manufacturing Powerhouse		
	#2 Global Market share (Smartphone, '24)	#7 Production (Automobile, '24)

Strong in Culture & Defense	World-class K-Culture	K-Defense
		#10 globally

AI Leadership	Host of AI Summit (Seoul, 2024)
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AI Citizenship	# 1 AI Utilization rate	#1 Secondary/ Higher education completion rate
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Possessing ICT Infrastructure	Experience of Huge growth in IT production	
	KRW 76T ('97)	➔ KRW 189T ('02)

## 2. AI Strategy of Korea's New Administration

3

### Vision

“Real Growth”, “Improved Universal Quality of Life for All Citizens”,  
“Contribution to Humanity and the Global Community”

### Goal

Become Global Top 3 AI Leader (G3)

### Core Principles



Easy access and utilization for all  
Human-centered Inclusive AI



Mobilizing full national capacity  
One-Team of Government & Private



AI-native perspective  
AI-friendly Systems



Nationwide participation  
Balanced AI Development Across the Country

# 3. AI Strategy of Korea's New Administration

**Action Items : Three Directions, Twelve Items**

## 1. Establishment of an AI Innovation Ecosystem

- 1 Expansion of sufficient computing resources  
**Build the AI Highway**
- 2 Achieve top 3 in AI technology  
**Lead Next-generation AI Technologies**
- 3 Drive systematic technological innovation  
**Secure Core AI Talent**
- 4 Develop uniquely Korean models with global competitiveness and universality  
**Secure AI Models**
- 5 Accelerate nationwide AI transformation  
**Reform AI-related Regulations**

## 2. Nationwide AI-based Transformation

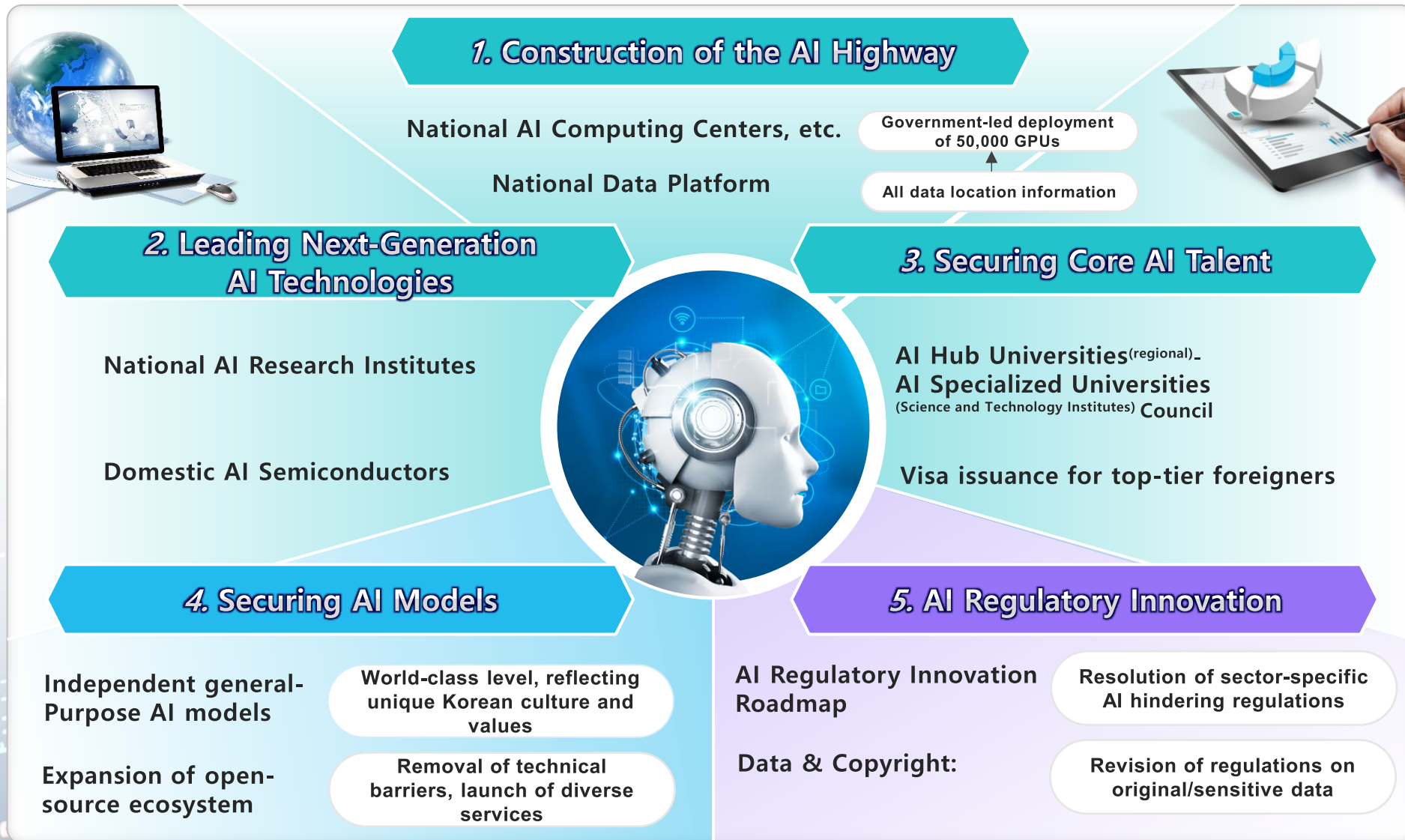
- 6 Restructure industrial fundamentals based on AI  
**Industrial AI Transformation**
- 7 Realize the world's No.1 AI government  
**Public Sector AI Transformation**
- 8 Revitalize regional economies  
**Regional AI Transformation**
- 9 Make Korean culture enjoyed worldwide  
**Become a Cultural Powerhouse Based on AI**
- 10 Defense innovation and advancement to Top 4 in K-Defense  
**Become an AI-based Defense Powerhouse**

## 3. Contribution to a Global AI Basic Society

- 11 Improve universal quality of life for citizens  
**AI Basic Society**
- 12 Contribute to the global community through Korea's AI  
**Global AI Initiative**



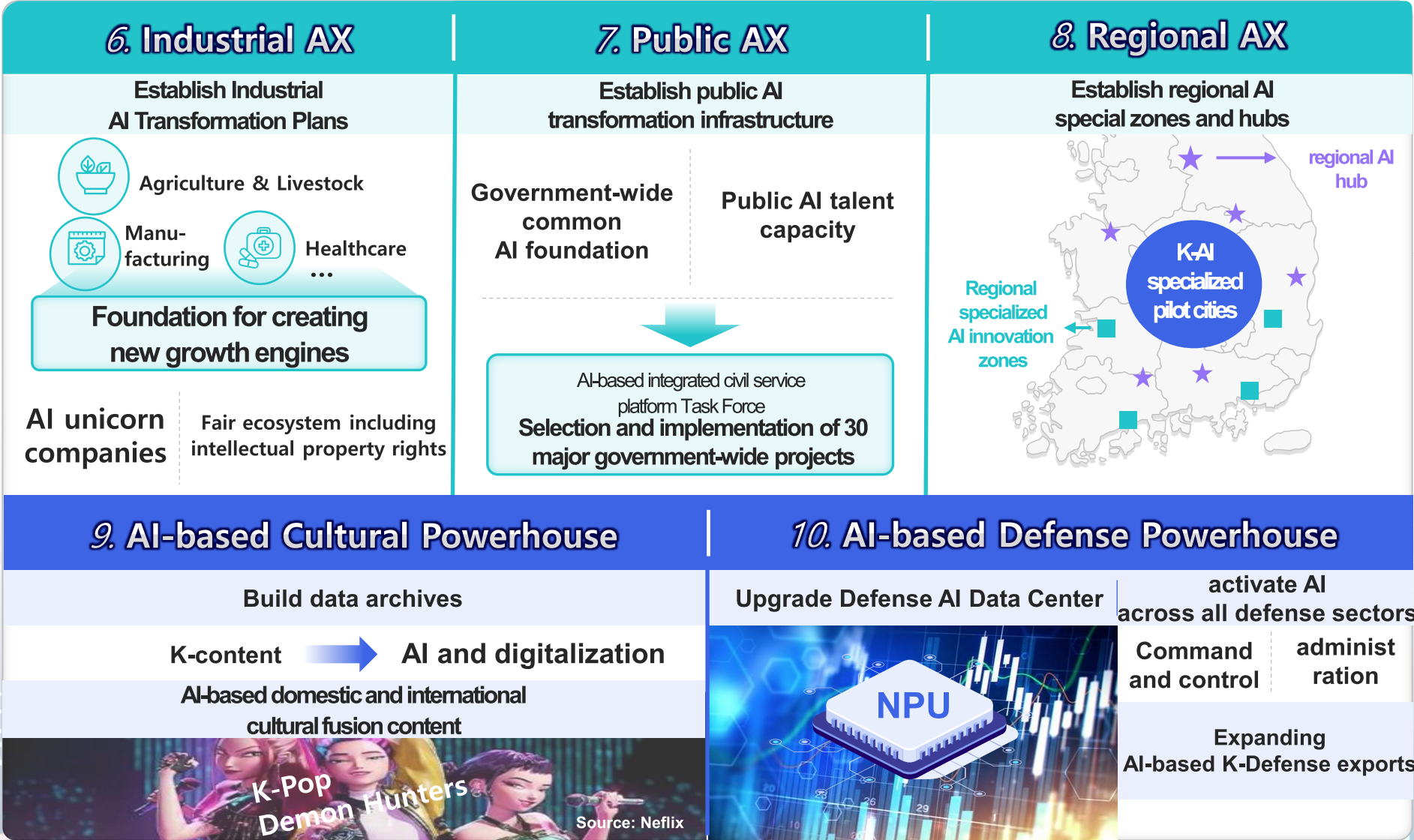
# 3-1. [Direction 1] Establishment of an AI Innovation Ecosystem



AI innovation  
services

Technology  
creation

# 3-2. [Direction 2] Nationwide AI-based Transformation



Improve quality of life

New growth engines

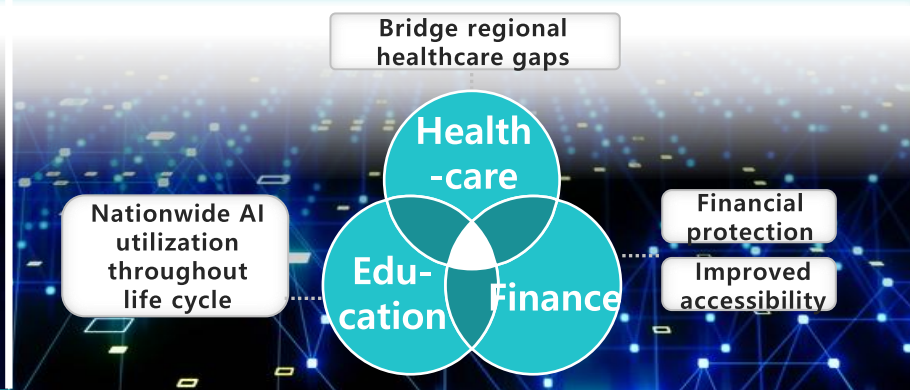


### 3-3. [Direction 3] Global AI Basic Society

#### 11. AI Basic Society

Establish sector-specific plans  
for the AI Basic Society

Provide AI-based inclusive services



Nationwide  
AI benefit

#### 12. Global AI Initiative

Form Universal AI Basic  
Society Consortium

Agenda-setting of K-AI norms  
at UN, APEC, etc.

" International dissemination of AI  
Basic Society model "

"2025 APEC AI Initiative"



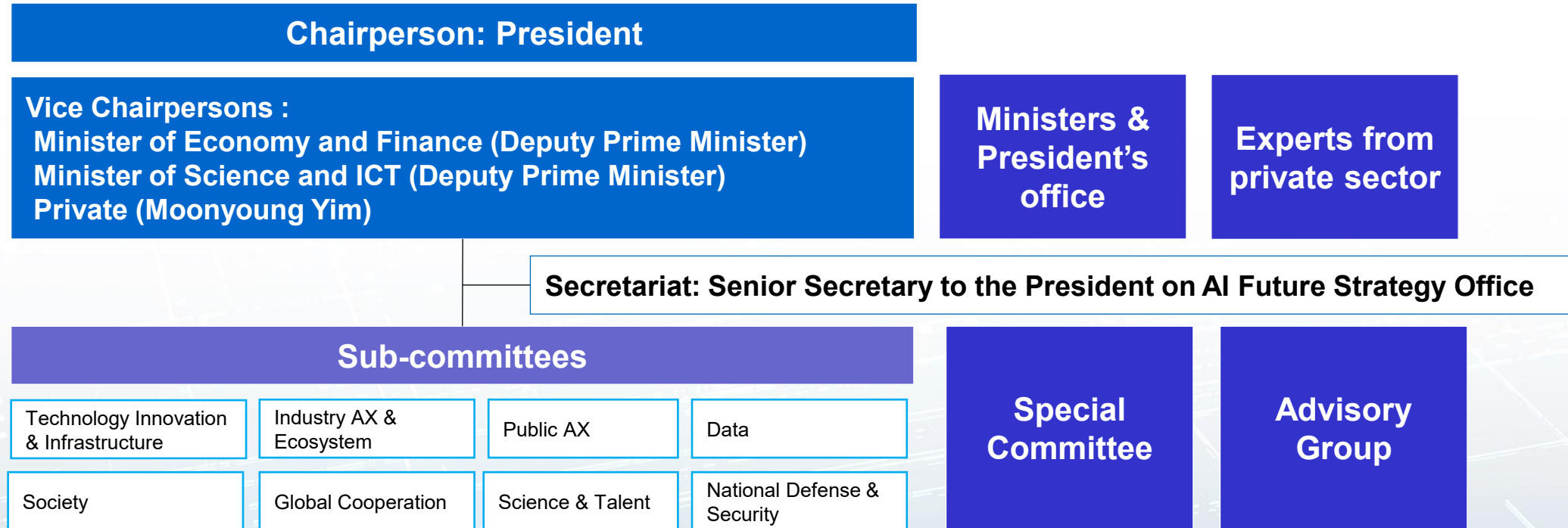
Leap to a  
leading  
global AI  
nation

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## 4. Governance<sub>3</sub>: Presidential Committee of National AI Strategy

### Structure



### Upcoming

**Announcement of Korea's AI Action Plan (by the end of 2025)**

Korea, transforming with AI

Thank you.