







Korea's National Al 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 Al

Al

Advancement of all industries (including Environmental Industry)

Improvement of quality of life

Reduction of regional and social disparities

Al-powered value-based Nation



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

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

Al Model Technology Catch-up

EXAONE

#11 globally ('25.7)

Solar Pro 2

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

Al Leadership Host of Al Summit (Seoul, 2024)

AI Citizenship # 1 Al Utilization rate #1 Secondary/
Higher education completion rate

Possessing ICT Infrastructure

Experience of Huge growth in IT production

KRW 76T ('97)

KRW 189T ('02)



2. Al Strategy of Korea's New Administration

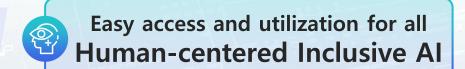
Vision

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

Goal

Become Global Top 3 Al Leader (G3)

Core Principles





Mobilizing full national capacity

One-Team of Government & Private



Al-native perspective Al-friendly Systems



Nationwide participation

Balanced Al Development Across the Country



3. Al Strategy of Korea's New Administration

Action Items: Three Directions, Twelve Items

1. Establishment of an Al Innovation Ecosystem

2. Nationwide Al-based Transformation

3. Contribution to a Global AI Basic Society

- 1 Expansion of sufficient computing resources Build the Al Highway
- 2 Achieve top 3 in Al technology
 Lead Next-generation
 Al Technologies
- 3 Drive systematic technological innovation Secure Core Al Talent

- 4 Develop uniquely Korean models with global competitiveness and universality
 - **Secure AI Models**
- 5 Accelerate nationwide
 Al transformation
 Reform Al-related
 Regulations
- Restructure industrial
 fundamentals based on Al
 Industrial Al
 Transformation
- 7 Realize the world's No.1 Al government Public Sector Al Transformation
- Revitalize regional economies
 Regional Al
 Transformation

- Make Korean culture enjoyed worldwide
 Become a Cultural Powerhouse Based on Al
- 10 Defense innovation and advancement to Top 4 in K-Defense

 Become an Al-based
 - Become an Al-based Defense Powerhouse

- 11 Improve universal quality of life for citizens

 Al Basic Society
- Contribute to the global community through Korea's Al Global Al Initiative



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



7. Construction of the Al Highway

National AI Computing Centers, etc.

National Data Platform

Government-led deployment of 50,000 GPUs

All data location information



2. Leading Next-Generation
Al Technologies

National AI Research Institutes

Domestic Al Semiconductors

3. Securing Core Al Talent

Al Hub Universities (regional) - Al Specialized Universities (Science and Technology Institutes) Council

Visa issuance for top-tier foreigners

5. Al Regulatory Innovation

services
.
Technology

Al innovation

creation

4. Securing Al Models

Independent general-Purpose AI models

Expansion of opensource ecosystem World-class level, reflecting unique Korean culture and values

Removal of technical barriers, launch of diverse services

Al Regulatory Innovation Roadmap

Data & Copyright:

Resolution of sector-specific Al hindering regulations

Revision of regulations on original/sensitive data

KGID 2025

3-2. [Direction 2] Nationwide Al-based Transformation

Establish Industrial Al Transformation Plans Agriculture & Livestock Manufacturing Healthcare ... Foundation for creating new growth engines Al unicorn Fair ecosystem including

companies

7. Public AX

Establish public Al transformation infrastructure

Government-wide common
Al foundation

Public AI talent capacity

Al-based integrated civil service platform Task Force Selection and implementation of 30 major government-wide projects

8 Regional AX

Establish regional Al special zones and hubs



Improve quality of life

> New growth engines

9. Al-based Cultural Powerhouse

intellectual property rights

Build data archives

K-content



Al and digitalization

Al-based domestic and international cultural fusion content



10. Al-based Defense Powerhouse

Upgrade Defense Al Data Center



activate Al across all defense sectors

Command and control

administ ration

Expanding
Al-based K-Defense exports



3-3. [Direction 3] Global Al Basic Society



12. Global Al Initiative





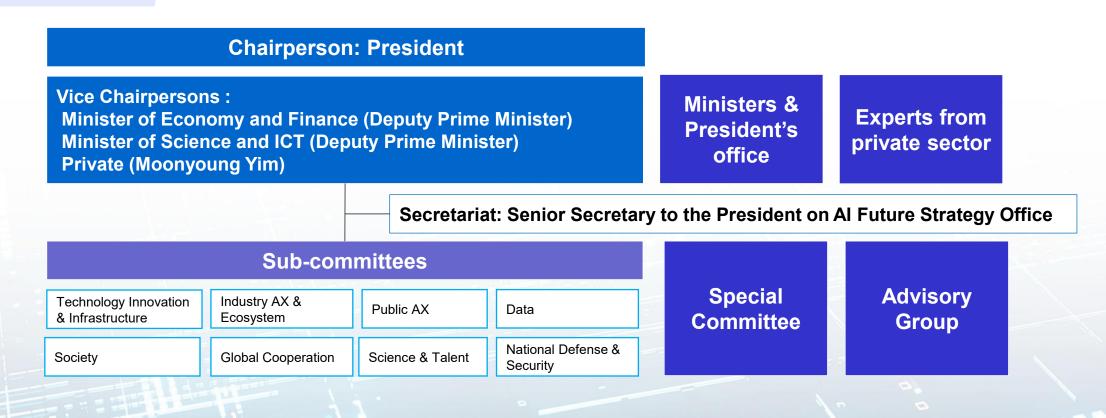
Nationwide Al benefit

Leap to a leading global Al nation



4. Governance: Presidential Committee of National Al Strategy

Structure



Upcoming

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



Korea, transforming with Al

Thank you.

