





Korea (Gyeonggi) Centre for the Fourth Industrial Revolution

"Cutting-edge Information", "Global Connection", "Innovator Community"

Korea Centre for the Fourth Industrial Revolution was established in January 2025 in Pangyo, Gyeonggi Province, following the signing of a collaboration agreement between Gyeonggi Provincial Government, Republic of Korea, and the World Economic Forum in June 2024. It is Korea's representative institution specializing in response to AI and the Fourth Industrial Revolution.

Navigating the next industrial revolution



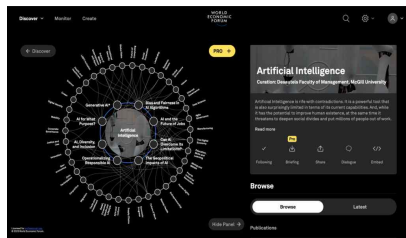
| Revolution | Year | Information |
|---|--------|--|
|  | 1 1784 | Steam, water, mechanical production equipment |
|  | 2 1870 | Division of labour, electricity, mass production |
|  | 3 1969 | Electronics, IT, automated production |
|  | 4 ? | Cyber-physical systems |



Our Mission

"Innovation for People and the Planet"

We bring together government, business, academia, and civil society in the era of AI and the Fourth Industrial Revolution, which brings great changes to industry, economy, society, and our lives. Through innovation for people and the planet and problem-solving, we contribute to the advancement of the world.



Hub of Cutting-edge Industry/Economy
Information

Dissemination of extensive resources on advanced industries, future technologies, and economic analysis from the World Economic Forum, etc.



Gateway for Global
Connection/Networking

Connection and collaboration with the World Economic Forum and over 20 C4IR Centres worldwide



Innovator Community Building

Activation of communities for the growth and global expansion of innovative start-ups

C4IR Korea – Global information hub : koreago.net, Official Website : c4irkorea.org

Introduction to the Korea Centre for the Fourth Industrial Revolution

□ World Economic Forum



The World Economic Forum is an international non-profit, independent organization where leaders from governments, businesses, academia, and civil society around the world gather to discuss major global economic and social issues and seek solutions.

Founded in 1971, it is recognized as one of the world's leading think tanks and global networking platforms, best known for hosting its Annual Meeting – commonly referred to as the "Davos Forum" – held every January in Davos, Switzerland.

□ Centre for the Fourth Industrial Revolution

The Centre for the Fourth Industrial Revolution (C4IR) is a multi-stakeholder collaboration platform established by individual countries in partnership with the World Economic Forum.

It brings together the public and private sectors to maximize the societal benefits of emerging technologies while minimizing their risks.

C4IRs explore rapidly advancing technologies and promote their responsible adoption and application, leveraging a global network of country-specific and thematic centres.



□ Korea Centre for the Fourth Industrial Revolution (C4IR Korea)

Korea

Centre for the Fourth Industrial Revolution

Gyeonggi Provincial Government, in collaboration with the World Economic Forum, established the Centre for the Fourth Industrial Revolution as the 21st center globally and the first in Korea.

It has been in operation since January 2025.

C4IR Korea, located in Pangyo, Gyeonggi Province – often called “Silicon Valley of Korea” – was established by Gyeonggi Provincial Government with support from the Gyeonggi Provincial Assembly.

Although established by Gyeonggi Provincial Government, the Centre serves the nation as a whole and acts as a key national hub for innovation.



□ C4IR Korea's Key Themes

AI-powered

| Start-ups | Advanced Manufacturing | Climate Adaptation |
|---|--|--|
| Supporting Startups in Seizing Opportunities and Expanding Globally in the Era of AI and the Fourth Industrial Revolution | Promoting the Growth of Advanced Manufacturing and Smart Factories | Spreading responses to climate change and Exploring Energy Solutions |

□ Roles of C4IR Korea

By leveraging the World Economic Forum's extensive premium resources and global networks – built and operated by approximately 1,000 top-tier experts – C4IR Korea plays a unique and leading role in Korea as a provider of cutting-edge information, a facilitator of global connections, and a builder of innovator communities.

1. Dissemination of Cutting-Edge Information

■ Operation of the Global Information Hub (C4IR Korea Intelligence Hub)

C4IR Korea operates and continuously updates a Korea-tailored information hub, curating cutting-edge information from the World Economic Forum, insights from global leaders, and other valuable resources for Korean businesses, government, academia, and civil society. (Website : koreago.net)

■ Newsletter Distribution

C4IR Korea selects key materials from its information hub that are particularly valuable to a wide range of stakeholders and distributes curated newsletters free of charge 1–3 times per week.

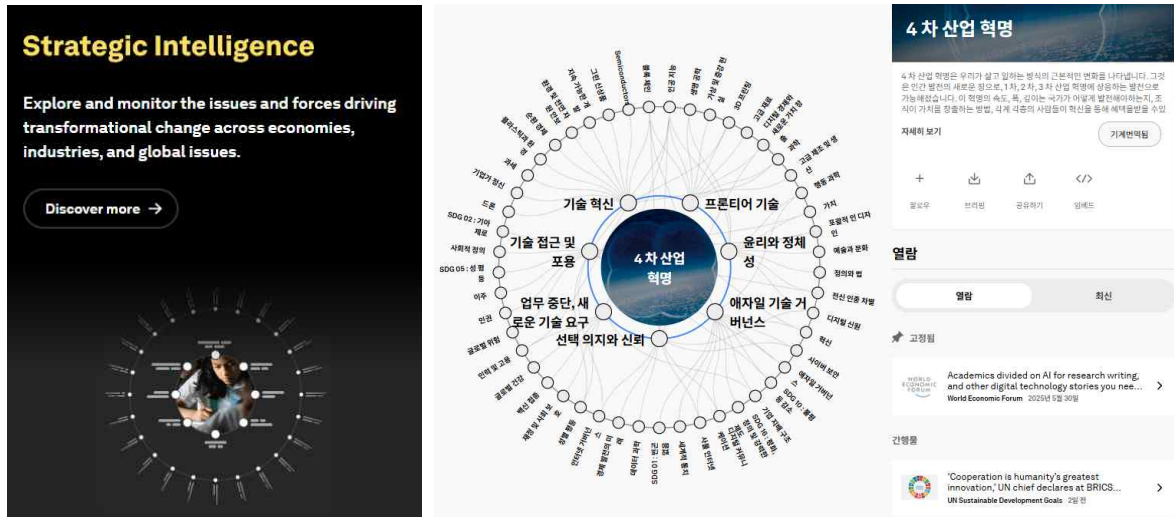
(Subscription available by entering email at koreago.net)

- World Economic Forum Weekly Stories
- World Economic Forum Monthly Digest
- Global Issue Briefs
- Interviews with Global Leaders
- Other Valuable Information



■ World Economic Forum's Strategic Intelligence platform (Strategic Intelligence)

A premium global knowledge hub curated daily by the World Economic Forum in collaboration with leading universities and research institutions, covering 250+ topics. (website : intelligence.weforum.org)



2. Promotion of Global Connection and Networking

■ C4IR Global Network

Since the first was established in San Francisco in 2017, more than 20 C4IRs are now in operation worldwide. With countries accelerating their responses to AI and the Fourth Industrial Revolution, around 10 new centres – including in Korea (Gyeonggi), Germany (Berlin), France (Paris), and the UK (London) – have been or will be established between 2024 and 2025. By the end of 2025, about 25 centres are expected to be operating globally.



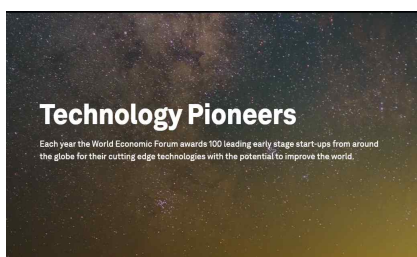
■ Engagement and Collaboration with World Economic Forum(the Forum) and C4IRs worldwide

Participation and collaboration in various events hosted by the Forum and C4IRs worldwide, including the Annual Meeting of the New Champions (AMNC, “Summer Davos”), the Global Technology Retreat (GTR), various online/offline global technology exchanges, and other thematic events.



3. Building and Operating Innovator Communities

| | |
|--|--|
| <p>Technology Pioneers</p> | <p>A global start-up program run by the Forum since 2000 for 25 years</p> <ul style="list-style-type: none"> – Each year, the Forum selects 100 start-ups with innovation and potential global impact, supporting participation in The Forum events and community activities for two years – Companies such as Google, Airbnb, PayPal, and Twitter were also selected as the Forum Technology Pioneers – C4IR Korea provides program guidance and supports applications by leading Korean start-ups |
| <p>Korea Frontiers</p> | <p>In cooperation with the Forum, C4IR Korea is launching the first-ever the Forum innovation community program dedicated to a single country's start-ups (to begin in the second half of 2025)</p> <ul style="list-style-type: none"> – 20-30 promising startups with innovation and global ambition will be selected each year. – Selected startups will join an innovator community and receive support to participate in the Forum events and additional programs operated by the Centre. |
| <p>Early-Stage Startup Community</p> | <p>Startup support and community activities operated by the Centre</p> <ul style="list-style-type: none"> – Monthly AI training programs for early-stage startup employees – Additional networking programs, including expert forums, workshops, and stage-specific startup communities |



Introduction to Korea and Gyeonggi Province

Korea: One of the World's Most Dynamic Nations

As a global powerhouse in high-tech industries and exports, South Korea leads in semiconductors, automobiles, IT, shipbuilding, steel, petrochemicals, and more.

- Ranked 109th in land area (100,363 km²), **29th in population (52 million)**, and **13th in GDP (USD 1.8 trillion)**.
- **Semiconductors**: 2nd worldwide (20% share), No. 1 in memory semiconductors (60%).
- **Displays**: 2nd worldwide (40%), No. 1 in OLED (50%).
- **Secondary Batteries**: 2nd worldwide (30%), and No. 1 excluding China (60%).
- Other major industries include automobiles (5th), gaming (4th), cosmetics (4th), and more.

Gyeonggi Province: The Heart of Korea's Economy and High-Tech Industries

With approximately 14 million residents, Gyeonggi Province is the most populous region in Korea and serves as the hub of the nation's advanced industrial ecosystem.

- Accounts for more than **one-quarter** of Korea's population and GDP.
- Home to major companies such as Samsung Electronics, SK hynix, NAVER, and LG Display.
- Generates **one-third** of Korea's total manufacturing value added.
- Represents **half** of the nation's manufacturing capital investment and R&D spending.
- Leads Korea's key industries, including **semiconductors (over 80%)**, IT, bio-health, and automobiles.
- A **powerhouse for startups**, hosting one-third of all Korean venture companies.
- **Pangyo**, often called **Korea's Silicon Valley**, is a premier high-tech startup cluster specializing in IT, future mobility, digital healthcare, gaming, metaverse, fabless semiconductors, and other advanced industries.



Contact Us

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