
Proposal for 『K-AI Package』

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I. Overview of EDCF

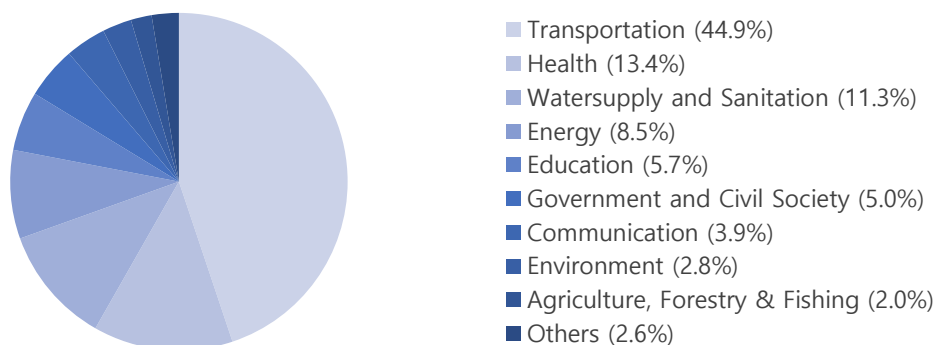
(1) EDCF

The Economic Development Cooperation Fund(EDCF) is a government fund established in 1987 in order to support the industrial development and economic stabilization of developing countries and promote economic cooperation between Korea and developing countries. EDCF provides support for socio-economic infrastructure development in partner countries through its concessional loan programs. The Ministry of Finance and Economy of Korea entrusts The Export-Import Bank of Korea with the operation and management of EDCF and supervises all associated projects and initiatives.

(2) EDCF Portfolio

Since its founding in 1987, EDCF has demonstrated a profound impact on global development through a diverse portfolio. As of the end of 2025, EDCF has approved a cumulative total of USD 30,838 million for 549 projects across 62 countries. Our support is strategically distributed across critical sectors:

<Figure 1 > EDCF Portfolio Composition by Sector (Cumulative Amount)



(3) AI strategy “K-AI Package”

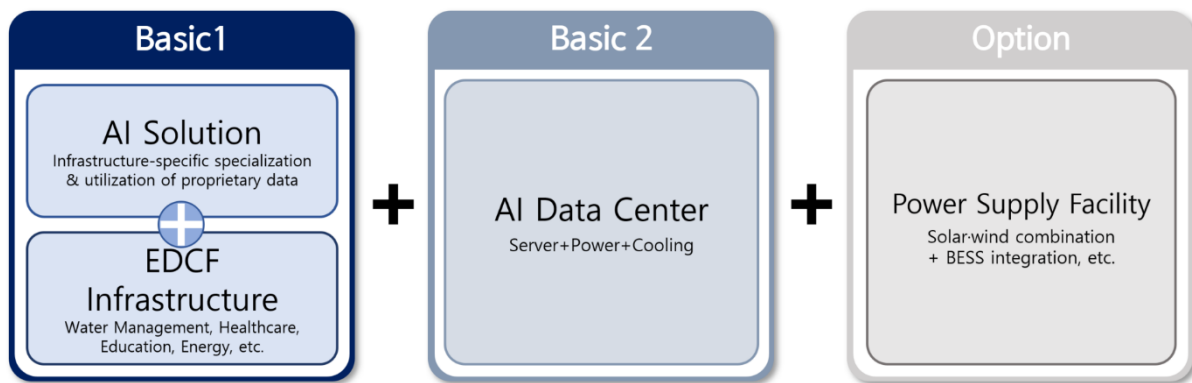
In alignment with the global AI/digital transformation and Korean government’s “K-AI Package” initiative, EDCF is spearheading the "AI-embedded EDCF" strategy to integrate AI across the entire project lifecycle from feasibility studies to long-term operations. Beyond a simple technical addition, AI is embedded as a strategic standard to maximize efficiency and project sustainability. By incorporating AI-driven insights and automation across its portfolio, EDCF seeks to enhance overall developmental impact. Ultimately, this initiative supports partner nations in bridging the global digital divide and building a resilient, future-ready socioeconomic foundation.

II. Project Proposal for 『K-AI Package』

1. 『K-AI Package』 Framework

The 『K-AI Package』 which delivers comprehensive support including AI solutions, AI data centers, and renewable energy to supply the power required for AI data center operations. Depending on the needs of the partner countries, AI solutions or AI data centers can be provided on a standalone basis, or fully integrated as a package that combines AI solutions, AI data centers, and power supply facilities, such as renewable energy.

<Figure 2> 『K-AI Package』 Framework



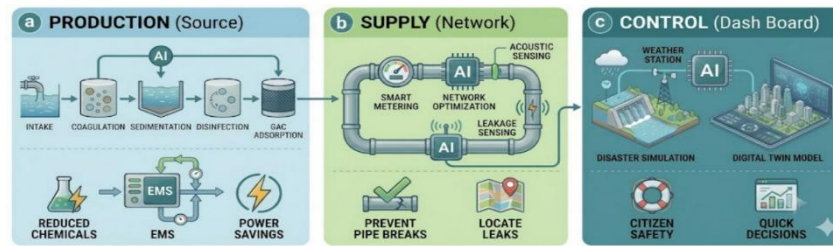
※ Examples of Selectable Packages

- When only AI Solutions are required ☞ **[Basic1]**
- When only AI Data Centers are required ☞ **[Basic2]**
- When both AI Solutions and AI Data Centers are required ☞ **[Basic1] + [Basic2]**
- When both AI Data Centers and Renewable Energy are required ☞ **[Basic2] + [Option]**
- When AI Solutions, AI Data Centers, and Renewable Energy are all required ☞ **[Basic1] + [Basic2] + [Option]**

AI Solutions are structured across diverse sectors—including water management, education, and healthcare—and provided in a menu-style format. This enables partner countries to choose either an individual solution or a tailored combination aligned with their specific business objectives, current situation and expected impacts.

2. [Basic1] AI Solution Plans by Sector

(1) Water Management



A. Smart Purification(Production) : AI Autonomous WTP Operation Solution includes [A1] 'the water treatment process autonomous operation solution', which analyzes water quality big data to fully automate 8 core treatment processes, [A2] 'Energy Management System (EMS) establishment', which calculates optimal pipeline pressure and facility operating hours, and [A3] 'the AI-driven Seawater Desalination Optimization Solution', which optimizes high-pressure pump energy consumption to ensure a stable supply of alternative water resources.

B. Smart Distribution(Supply) : AI Pipeline Network Control & Leakage Prevention includes [B1] 'pipeline network control via demand forecasting', which predicts hourly water demand to adjust pump pressure and prevent pipe fractures, and [B2] 'AI smart metering & leakage detection', which uses IoT acoustic sensors and AI noise filtering to pinpoint underground leaks directly on the dashboard.

C. Smart Command(Control) : Integrated Disaster Management Platform includes [C1] 'the weather data-based water level control system', which links weather forecasts with dam water levels to proactively manage sluice discharge, and [C2] 'the urban disaster control platform', which replicates city terrain in 3D digital twins to automate emergency response routing and flood control.

<Table 1> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
Water Resource Management Digital Advancement	Strategic water centers where basic non-revenue water is secured but high-level digital transformation (DX) and macro control are urgent	A1+B1+C1	Realization of integrated urban digital assetization & advancement of multi-dimensional control
Overcoming Climate Crisis	Regions where regular disaster forecasting is essential due to extreme fluctuations or drought	A1+C1+C2	Securing climate resilience due to sudden raw water changes

(2) Healthcare

A. AI Driven Medical Imaging & Diagnostic integrates AI screening software to analyze chest X-rays (for early TB detection) and mammograms (for breast cancer) within seconds, significantly reducing diagnostic backlogs and lowering mortality rates.

B. Generative AI Clinical Decision Support & Patient Care Chatbot Systems employs a medical-specialized Large Language Model (LLM) as a real-time clinical co-pilot to assist healthcare professionals, enhancing diagnostic accuracy and care quality in resource-constrained environments.

C. AI-Driven Drug Discovery & Formulation Platform analyzes experimental, clinical, and manufacturing big data to predict drug efficacy and toxicity in advance, accelerating candidate discovery and drastically cutting development costs.

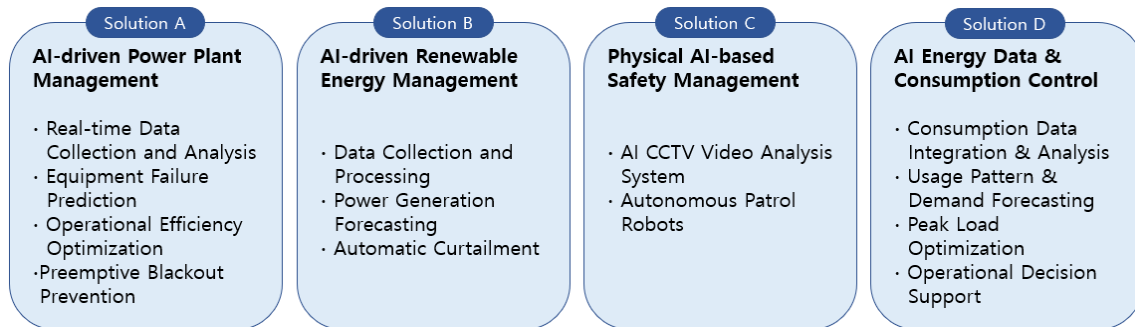
D. AI-Enhanced Hospital Information & Document Systems integrates Generative AI into Electronic Medical Record (EMR) networks to summarize patient health data and automate medical record creation, streamlining clinical workflows and reducing administrative burdens.

<Table 2> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
Next-Gen Smart Hospital & Workflow Automation	Tertiary hospitals and urban medical centers burdened by heavy diagnostic backlogs, administrative burdens, and paper-based workflows	A+B+D	Reduces physician administrative workload and lowers diagnostic and prescription errors
National Epidemic Preparedness & Resource Optimization	Public health agencies and regional health centers facing infectious disease threats and fragmented supply distribution networks	A+D	Accelerates emergency response time and minimizes vaccine and medicine wastage
Accelerated R&D & Clinical Trial Optimization	National research centers and pharma labs seeking to digitize drug candidate discovery while leveraging real-world clinical data	C+D	Shortens drug discovery timelines and improves trial success rates using anonymized real-world clinical data (D) for precise target profiling.

(3) Power and Energy Management

<Figure 3> AI-driven Power and Energy Management



A. AI-driven Power Plant Management: Intelligent Digital Power Plant (IDPP)

integrates real-time AI and big data analytics to continuously analyze plant operational data, precisely monitor equipment health, enhance overall operational efficiency, and predict potential anomalies in advance to prevent costly downtime.

B. AI-driven Control of Intermittent Renewable Energy Sources combines predictive weather analytics and automated active power control (curtailment) to accurately forecast short-term generation fluctuations, dynamically adjust power outputs in real time, and bridge the gap between weather volatility and grid stability

C. Physical AI-based Safety Management deploys vision AI CCTV systems for real-time PPE, behavior, and fire detection, alongside autonomous patrol robots to eliminate worker exposure to hazards and prevent industrial disasters before they escalate.

D. AI-Driven Integrated Energy Data & Consumption Management aggregates and centralizes multi-source power consumption data in real time to analyze usage patterns, accurately forecast energy demand, and optimize load distribution, thereby empowering data-driven operational decision-making for maximum energy efficiency.

<Table 3> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
Integrated Smart Energy Infrastructure	Large-scale complex power plant hubs requiring holistic plant automation, grid balancing, and safety compliance	A+B+C	Delivers overall digital transformation and maximize plant lifecycle.
Data-driven Energy & Grid Integration	Industrial smart factories, or large facilities requiring centralized energy monitoring and load optimization	A+D	Minimizes peak power loads and reduces electricity costs.

(4) Public Transportation

A. AI-Driven Intelligent Transportation Systems (ITS) solutions and Bus Rapid Transit (BRT) systems enhances traffic flow and public transit efficiency by deploying smart CCTVs, Vehicle Detection Systems (VDS), Variable Message Signs (VMS), and Bus Information Systems (BIS) for real-time traffic monitoring, accident prevention, and accurate arrival updates.

B. AI-Powered Video Analytics for Smart Road Surveillance integrates advanced computer vision algorithms with regional CCTV networks to autonomously detect traffic accidents, crimes, or hazardous anomalies in real time, broadcasting instant alerts to coordinate swift multi-agency emergency responses.

C. AI-Driven Safety Enhancement and Infrastructure Maintenance combines wearable smart safety gear (helmets, smartwatches) for construction site worker protection with drone and IoT-sensor predictive inspection systems to automatically detect structural defects in bridges, highways, and tunnels without manual inspection risks.

<Table 4> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
Integrated Smart City Mobility & Public Safety Platform	Developing smart cities or megacities seeking a unified platform for traffic control, road surveillance, and civil infrastructure safety	A+B+C	Establishes an all-in-one smart city command hub linking traffic control, public safety, and site operations.
Smart Construction Safety & Structural Asset Management	Major civil engineering projects (roads, bridges, tunnels) and aging infrastructure requiring continuous safety monitoring and inspection	B+C	Prevents workplace fatalities through real-time worker tracking and reduces long-term repair costs by identifying structural cracks and risks prior to escalation.
Urban Traffic Optimization & Emergency Response	Metropolitan areas suffering from severe traffic congestion, frequent road accidents, and delayed multi-agency response coordination	A+B	Not only improves traffic flow through dynamic signal adjustments and real-time VMS routing, but enhances transit rider satisfaction with reliable real-time bus tracking and route guidance.

(5) Agriculture (Smart Farm)

A. AI-Embedded Smart Farm Integrated Control & Management Service

An end-to-end smart farming platform that automates environmental control, crop monitoring, machinery operations, and sales management across 5 integrated modules.



B. AI-Embedded Incubation Program offers a training course designed specifically for young farmers. Participants undergo intensive, hands-on training in complex environment control, nutrient management, pest control, and environmental data analysis to significantly enhance their smart agriculture capabilities.

C. AI-Driven Agricultural Machinery Operation Solution provides an integrated fleet management and automated operation system to optimize farm mechanization. It offers real-time GPS tracking, autonomous path planning, public rental management, and IoT-based predictive maintenance to maximize operational efficiency and ensure long-term O&M sustainability.

<Table 5> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
National Smart Farming & Machinery Fleet Ecosystem	Partner governments seeking an all-in-one framework integrating smart farm control, machinery fleet management, talent incubation, etc.	A+B+C	Delivers an end-to-end agri-tech hub: automates production (A), optimizes machinery fleet & O&M (C) with trained farmers (B).

(6) Culture

A. AI-Driven Cultural Heritage Restoration & Digital Archiving executes automated machine-learning analysis on 3D scans, historical photographs, and blueprint data to estimate original structures, support comprehensive restoration reviews, and establish secure digital archiving platforms.

B. Generative AI Digital Content Production Solution supports the creation of high-quality digital content through the Generative AI, Extended Reality (XR), and related technologies. Furthermore, it supports AI-based real-time translation services that can be used for international conferences, video conferencing, and digital content production.

C. Intelligent Crowd Safety Control Platform utilizes intelligent CCTV networks within MICE facilities and major tourist attractions to analyze human density in real time, disperse dense crowds, and secure safe evacuation routes proactively. 24/7 monitoring via intelligent CCTV minimizes human error in crowd detection and secures golden time before accident occur.



Figure 1. Cultural Heritage Form Estimation & Restoration Review



Figure 2. AI-Driven Extended Reality (XR) Tourism Content

<Table 6> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
Smart Heritage & Immersive Content	Historic sites, museums, or cultural hubs seeking to digitize heritage assets and transform them into interactive AI media experiences.	A+B	Converts archived 3D heritage data into dynamic AI-generated video and special effects content, enhancing visitor engagement while preserving cultural assets.
Integrated Smart Culture & Safe Tourism Platform	Megacities or major tourism hubs building a comprehensive cultural ecosystem combining heritage archiving, media creation, and public venue safety.	A+B+C	Delivers an all-in-one smart cultural infrastructure that preserves historical assets, enriches visitor media experiences, and ensures real-time crowd safety in high-density zones.

(7) Education

A. AI-equipped Training Center (Infrastructure) establishes physical laboratories and scalable cloud computing resources required for AI research and higher education. It installs AI Education Centers across universities and vocational institutes to support practical applications and hands-on training. Additionally, it supplies high-performance GPU clouds tailored for complex deep learning model development.

B. AI Talent Training Program delivers curriculum-driven workforce upskilling and capacity-building initiatives to foster job-ready AI talent. Going beyond hardware, it offers practical educational frameworks enabling partner country to build local capabilities and achieve long-term self-reliance. It boosts global AI literacy by inviting international talent to Korea while dispatching top Korean experts for on-site education.

C. Machine Learning Training & Model Development Platform establishes a web-based, all-in-one environment that allows trainees to analyze data, build AI models, and automate system operations without installing complex software on local computers. Beyond theoretical education, users can directly construct, test, and automatically operate real-world AI models via a simple web browser, ensuring practical capacity building.

D. Immersive VR/AR and AI-Based Simulation Training deploys VR, AR, and AI-based simulation environment that allows students to train on complex industrial and medical scenarios safely and cost-effectively. Additionally, technical institutions can integrate digital twin programs with physical equipment which can provide students with practical field experiences.

<Table 7> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
National AI Infrastructure, Platform & Talent Ecosystem	Partner governments & institutions seeking an all-in-one AI package (GPU, ML platform, training)	A+B+C	Provides an end-to-end AI solution: establishes GPU/lab infra (A), offers web ML tools (C), and delivers practical training & expert dispatch (B) to foster job-ready talent.
Establishing AI-Powered Vocational Training Center	Governments seeking to build modern vocational centers that overcome physical constraints to deliver effective job training	B+C+D	Delivers hands-on training in specialized sectors through VR and Digital Twin technologies, while offering comprehensive practical education on AI applications.

(8) Maritime

A. AI-Driven Maritime Control & Risk Prediction System integrates vessel Automatic Identification System (AIS) tracking with oceanographic and weather data to automate collision and grounding risk predictions. It enables real-time vessel monitoring, route anomaly detection, and immediate emergency notification to prevent accidents in coastal waters. The Korea Coast Guard's AI-based maritime safety control platform serves as a key success case.

B. AI Chatbot & LLM-based Emergency Decision Support Solution provides an interactive guidance engine that automatically retrieves and generates Standard Operating Procedures (SOPs) during maritime accidents. By leveraging Large Language Models (LLMs) to process real-time incident logs, it assists control center operators with rapid situational assessment, action plan generation, and emergency response.

C. Integrated Maritime Big-Data & Safety Platform establishes a centralized data ecosystem by consolidating marine environment, meteorological, and vessel navigation logs. This scalable platform supports continuous analytics, accident pattern modeling, and marine policy planning, bridging real-time emergency response with long-term disaster management capabilities.

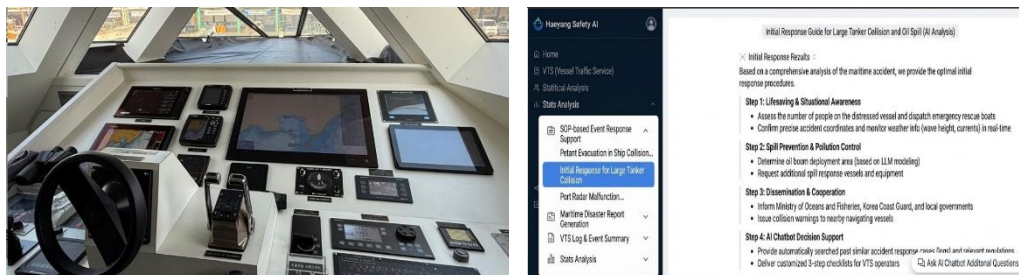


Figure 1. An Example of Utilizing the AI interface

Figure 2. AI Chatbot-Based Situational Assessment & Emergency Response

<Table 8> Customized Recommended Module Synthesis (Example)

Business Objective	Target Recommendation & Infrastructure Status	Module Combo	Expected Effects & Summary
Comprehensive Maritime Safety & AI Disaster Response Ecosystem	Partner governments & maritime agencies seeking an integrated AI framework (vessel tracking, emergency SOP, big data)	A+B+C	Delivers an end-to-end maritime disaster response hub: automates vessel risk prediction (A), provides AI-driven SOP guidance (B), and builds a centralized big-data engine (C) for long-term safety.

3. [Basic2] AI Data Center Plan

(1) AI Data Center Overview

The 'K-AI Package' enables the establishment of AI data centers in partner countries in addition to the AI solutions. The AI data center underpinned by the 'K-AI Package' provides an optimal data training and inference environment for utilizing AI solutions, and functions as a Data Hub that serves as the foundation for various AI solutions

(2) Key Features of the AI Data Center

(2)-1. 'Modular' or 'Integrated' AI Data Center

AI data center operations require seamless power supply, advanced cooling facility and high-speed networks for optimal performance. To address this, the 'K-AI Package' provides an all-in-one AI data center integrating server infrastructure with independent power generation, cooling, and networking capabilities. ('**Modular AI Data Center**')

Specifically, the design incorporates on-site power generation, battery storage, and an electrical room with UPS units and transformers for consistent energy delivery. The center is also equipped with high-speed network gear and a liquid cooling system engineered to manage thermal output from high-performance servers.

<Figure 6> Modular AI Data Center Rendering & Layout



Figure 6-1. Modular AI Data Center Rendering

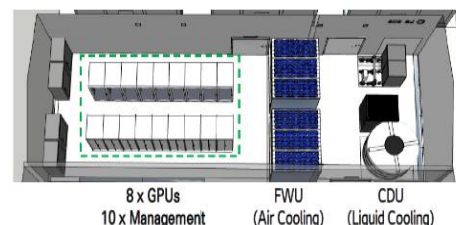


Figure 6-2. Server Room Interior Layout

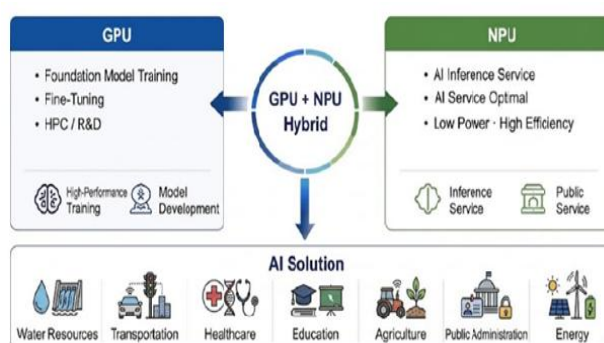
While the Modular AI Data Center enables flexible, incremental expansion using all-in-one modules based on actual demand, **the 'Integrated AI Data Center'** constructs a dedicated, standalone facility from the ground up. This option centrally consolidates all high-density equipment and infrastructure within a unified, custom-built space.



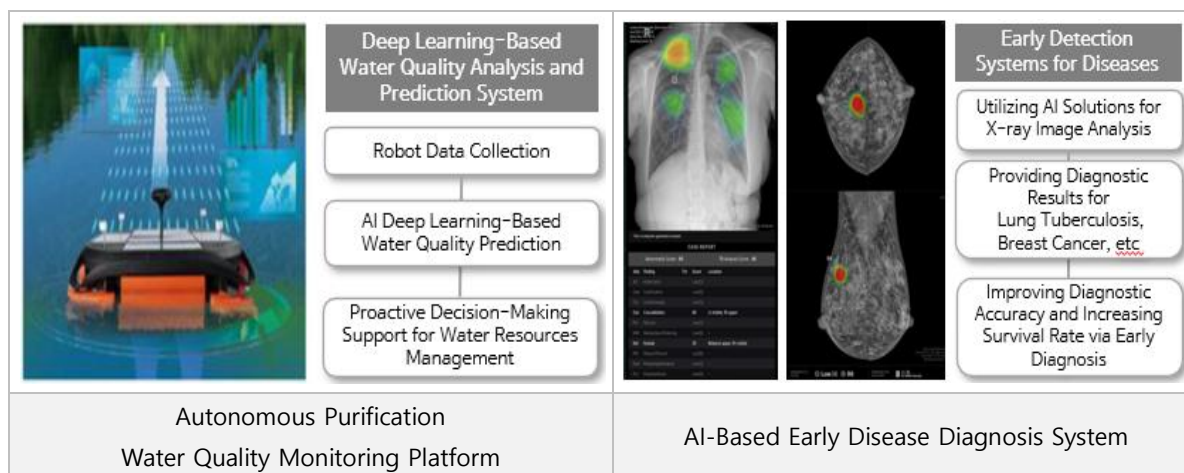
(2)-2. Support for Cost-Effective, High-Efficiency Servers Combining GPUs and NPUs

The AI data center within the 'K-AI Package' configures its servers by combining GPUs with Korean-made NPUs (Neural Processing Units). While GPUs excel at big data analysis and AI model training, South Korean NPUs are highly specialized chips optimized for AI inference. Compared to GPUs, these NPUs offer several advantages, including lower power consumption, reduced thermal output, cost-effectiveness, and faster processing speeds.

Due to these characteristics, the hybrid GPU+NPU architecture enables AI solutions to be used with maximum efficiency at a relatively low cost. In fact, real-world adoption of NPU-based AI solutions is rapidly expanding in South Korea, with representative use cases illustrated in the figures below.



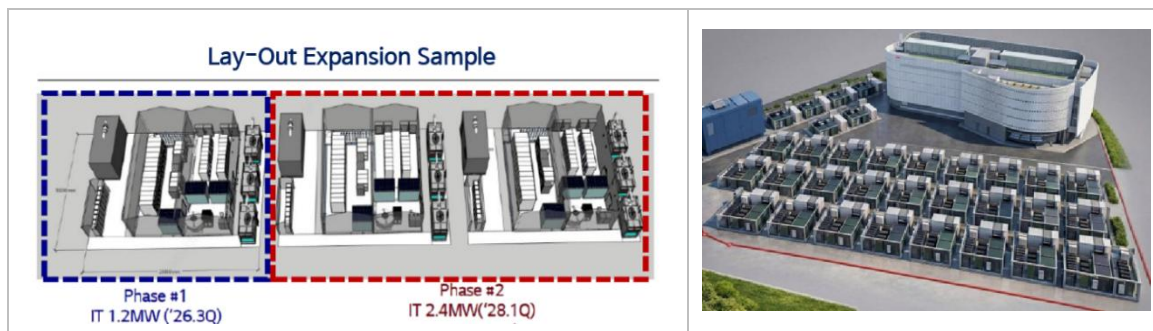
<Figure 7> Commercial Adoptions of NPU-based AI in South Korea



(2)-3. Scalability (for 'Modular AI Data Center')

Another prominent feature of the modular AI Data Center is its scalability. A single containerized AI data center module delivers a maximum capacity of up to 1.2 MW, and overall capacity can be expanded by adding subsequent module units. This architecture allows organizations to optimize capacity configuration in alignment with actual demand right from the initial deployment phase. Furthermore, it prevents unnecessary capital wastage by enabling a phased deployment approach—such as initially establishing a single unit for a pilot project or educational purposes, and then expanding the infrastructure dynamically as future demand grows.

<Figure 8> Expansion Model for Modular AI Data Centers



(2)-4. AI Data Center Connectivity and Operational Framework

The proposal outlines plan to ensure robust access and sustainable management of the AI data center. First, to secure seamless accessibility for all participating institutions and countries, the infrastructure model deploys wired and wireless networks using advanced fiber-optic cables and satellite communication systems. Second, the operational foundation integrates software platforms dedicated to data collection, refinement, and standardization. Furthermore, as an optional component, the framework can incorporate capacity-building initiatives to transfer core operational and management technologies through structured training programs.

(2)-5. Operation & Maintenance (O&M)

Even after construction is completed, continuous maintenance remains critical for AI data centers to guarantee stable power management and optimal AI server performance. Acknowledging this, the 'K-AI Package' delivers South Korea's advanced AI data center maintenance expertise alongside the infrastructure. We are committed to fostering a long-term cooperative partnership to ensure the partner country's sustainable AI expansion, which encompasses establishing a comprehensive O&M framework, implementing real-time AI operation monitoring, and executing technology transfer through local workforce training.

(3) AI Data Center Framework through EDCF

(3)-1. Integrated Support for AI Solutions and Data Centers to Optimize Utilization

We provide a packaged support model that combines South Korea's proven AI solutions—applicable to infrastructure (water resources, transportation, etc.) as well as healthcare and education—with optimized AI data centers that serve as their foundational infrastructure. Simultaneously deploying AI solutions and data centers offers the following distinct advantages:

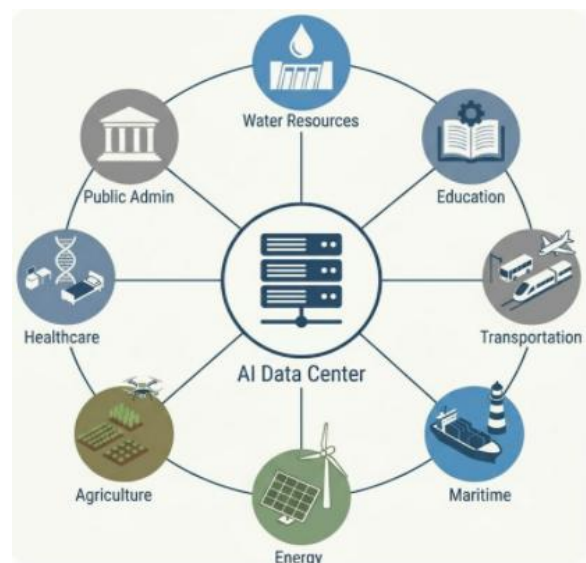
- **Enhanced Data Security:** Public data, which underpins AI solutions, requires the highest level of security. Building an on-premise data center through the 'K-AI Package' isolates data from external access and prevents leaks, ensuring tighter data control compared to cloud-based data centers.
- **Tailored AI Solution Design:** Server and network configurations can be optimized to match the specific characteristics of the target AI solutions. Custom-designed power and cooling systems further enhance operational efficiency and minimize cost.
- **Physical Connectivity:** Positioning the data center in close physical proximity to where the AI solutions are utilized minimizes network latency, enabling stable operation

When adopting AI solutions and AI data centers together, countries can utilize EDCF Loans to align data center construction with infrastructure projects (water, transport, etc.). For projects that are already completed or currently underway, AI solutions can still be integrated by securing additional funding through 'Supplementary Loans' or 'reallocation of contingency'.

(3)-2. Supporting the Establishment of Standalone Data Center Hubs

Standalone AI data centers that are not bundled with specific AI solutions are also eligible for support. When constructed independently, these facilities can serve as a centralized data center hub (such as a National AI Service Center) shared across multiple government ministries.

Both Integrated and Modular Data Center can be utilized to build a data center hub. An Integrated Data Center can be constructed as a single facility, or multiple modular units can be adjusted for rapid deployment.



For standalone AI data centers, the EDCF financing mechanism follows the same framework as standard infrastructure projects. And for PPP projects involving private sector participation, financial instruments including EDCF Private Sector Loans or PDIF(Private-sector Development Investment Facility) can be provided.

(3)-3. Overseas Data Center Hub Model

Under the Overseas Hub Model, two implementation approaches are proposed. The first option is to establish a large-scale AIDC within Korea, while partner countries will be granted access to this large-scale AIDC via a voucher system. Alternatively, the second option involves establishing a regional AIDC hub within a specific strategic country, enabling multiple neighboring partner countries to share and utilize the computing infrastructure collectively.

(3)-4. Supporting the Transition of Traditional Data Centers to AI Data Centers

Support is also available for upgrading CPU-centric data centers into high-performance AIDC. We facilitate a rapid transition by financing the installation of essential hardware, including GPUs, NPUs, independent power generation facilities, and advanced cooling systems. The primary financial instrument for this transition is the EDCF Equipment Loan. By utilizing this loan to cover the procurement costs of AI chips, power, and cooling equipment, partner countries can benefit from a relatively expedited disbursement process compared to EDCF Development Loans.

4. [Option] Power Supply Facility

To ensure the sustainable operation of the AI data center, renewable energy can be provided together with the package. This provides an optimal solution for partner countries which face challenges in securing sufficient power grid capacity or require eco-friendly energy to achieve carbon neutrality goals.

- **Resilient Green Energy:** Integration of Solar & Wind hybrid systems coupled with BESS (Battery Energy Storage System) to provide a stable, 24/7 power supply to the AIDC.
- **Operational Resilience:** Minimizing downtime for AI services through an independent and sustainable power ecosystem, regardless of the status of the commercial grid.
- **Remote Digital Twin Monitoring:** Integration of a cloud-based monitoring platform that allows real-time tracking of energy production and battery health. This system enables predictive maintenance, reducing the need for on-site technical experts and ensuring long-term operational sustainability in remote areas.

In addition, Alternative energy sources such as LNG power, Small Modular Reactors (SMRs) for large-scale data centers requiring a highly reliable, low-carbon power source can be reviewed through development finance as a mid-to-long term option if the partner countries have difficulty in securing a stable power supply entirely through renewables.

III. EDCF Funding Terms and Conditions

(1) EDCF Country Groups

EDCF classifies partner countries into 5 groups based on the latest GNI per capita information from the World Bank. Each group is assigned differentiated interest rates and repayment periods to ensure debt sustainability.

<Table 9> Country Groups

EDCF Country Group	WB Country Group	Criteria (GNI per capita)
Group I	-	Least Developed Countries (LDCs) as per UN criteria
Group II	LIC	USD 1,175 or less (excluding LDCs)
Group III	LMIC	USD 1,176~4,635
Group IV	UMIC	USD 4,636~14,375
-	HIC	USD 14,376~

Note: Criteria are based on the 2026 World Bank country classifications.

(2) Indicative Terms and Conditions

Note: The specific Terms and Conditions (T&C) are subject to change depending on the project's sector, procurement policy (Tied/Untied), and strategic importance. Preferential rates are particularly applied to high-priority sectors such as Digital Transformation (AI), Supply chain, Culture and Green Energy.

<Table 10> EDCF's Terms and Conditions (standard)

Term	Description
Loan Amount	Up to 100% of the total project cost (excluding taxes, duties, and land acquisition costs)
Repayment Period / Grace Period	within 40 years / within 15 years
Repayment Frequency	Semi-annually
Guarantee	Guaranteed by central government or central bank
Currency	Korean Won (KRW)
Procurement of Goods and Services	Eligible source countries (Korea, local and 3 rd countries)
Method of Procurement	Competitive bidding among Korean suppliers
Method of Consultant Employment	Limited competitive bidding among Korean suppliers

(3) Strategic Co-financing Approach

For large-scale AI ecosystems integrating the Basic 1(AI Solution), Basic 2(AI Data Center), Option(Power Supply Facility), EDCF plans to mobilize a full range of available financing instruments—including EDCF loans, co-financing and other development finance modalities—to provide comprehensive financial support for projects in partner countries.

- **Multilateral Development Bank (MDB) Partnership for Green Tech Co-financing:** EDCF also collaborates with major MDBs to leverage global concessional financing and secure diverse sources of international financing. This instrument enables partner countries to uphold international ESG standards for the entire ecosystem.

(4) Knowledge Sharing Program (KSP)

KSP shares Korea's development know-how and operational experience with partner countries. It offers tailor-made solutions from high-level policy consultation to strategic development planning, ensuring policy alternatives are practical and aligned with each nation's socioeconomic context.



In early project stages, KSP is primarily applied to establish Sectoral Master Plans and formulate fundamental policy frameworks.

KSP also provides specialized consultation services to ensure technical and economic viability before moving to the lending stage.

< Project Development Procedures and Korea's Support Tools >

1. Master Plan: Design comprehensive development policies and forecast demand for regional/sectoral services. (ex. National AI-enabled Digital Government Strategy)
2. pre-F/S: Conduct preliminary feasibility studies of the project, including the initial conceptual design and strategic alignment with national goals.
3. F/S (Transition to Lending): Supported by EDCF Technical Assistance (T/A). Conduct rigorous feasibility studies focusing on the technical, financial, and environmental impact of the proposed project.
4. Design & Construction(Implementation): Supported by EDCF Concessional Loans and Packaged Financing. Full-scale implementation of the project, including infrastructure construction, equipment procurement, and technology transfer.

The partnership between your esteemed Government and the Economic Development Cooperation Fund (EDCF) aims to align strategic objectives with advanced technological integration to support a resilient and digitally advanced economy.

By implementing the "K-AI Package" strategy through a selection model (Basic1, Basic2 and Option), EDCF provides a comprehensive package that integrates AI solutions, physical infrastructure, and sustainable energy. This approach is designed to enhance administrative efficiency and support long-term economic growth.

Leveraging the Knowledge Sharing Program (KSP) and concessional financing, this collaboration is built on technical expertise and fiscal sustainability. We look forward to collaborating this initiative to address the digital divide and establish inclusive development standards.

For further information or to initiate a formal consultation, please contact our Headquarters or the local Representative Office.

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