# GIST graduate students win Excellence Award at KOICA contest "AI Data Visualization and Real-Time Platform Construction"

- AI Policy&Strategy Graduate School Master's Program students Soyeon Yoon and Jooyoung Park (Impact Team), 3-stage platform development of 'ODA Intelligence Hub' based on international development cooperation data visualization and real-time update platform

- Finally, a plan to provide ODA to recipient countries through advanced platform development is presented "We will contribute to establishing an international win-win plan where donor and recipient countries can help each other"



▲ GIST AI Policy Strategy Graduate School Master's Program students Soyeon Yoon and Jooyoung Park (Team name: Impact) are taking a commemorative photo after winning an award for excellence at the 2024 International Development Cooperation AI-Data Utilization Contest hosted by the Korea International Cooperation Agency (KOICA). (From left) Soyeon Yoon, Dongho Kim, Director of KOICA's Management Strategy Division, and Jooyoung Park

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced that Soyeon Yoon and Jooyoung Park (Team name: Impact), students in the AI Policy&Strategy Graduate School Master's program, won an award of excellence at the 2024 International Development Cooperation AI-Data Utilization Contest hosted by the Korea International Cooperation Agency (KOICA).

Based on the research results of the IMPACT Lab* (Supervisor Professor Dukjo Kong), the two students developed a 3-stage platform for the 'ODA* Intelligence Hub' based on the construction of an international development cooperation data visualization and real-time update platform, and proposed a plan to ultimately provide it to ODA recipient countries.

* IMPACT LAB: Initiatives for Multidisciplinary P³artnership (Public, Private, People) using AI Convergence Technology LAB

* official development assistance (ODA): Part of international development cooperation activities, it refers to the flow of funds provided by public institutions including central and local governments or their executive agencies to developing countries and international organizations in a concessional manner for the purpose of promoting economic development and welfare in developing countries.

▴ In the first stage of platform development, a basic structure centered on public data related to KOICA ODA will be established to develop an AI-based data analysis and aid strategy recommendation system. ▴ In the second stage, trends in international development cooperation will be identified through data linkage using a think tank. ▴ In the third stage, the platform for donations to beneficiary countries will be proposed.

Student Soyeon Yoon said, "This platform is particularly significant in that it can maximize the effectiveness of our country's official development assistance and strengthen the data-based capacity of recipient countries."



▲ GIST AI Policy&Strategy Graduate School Master's student Soyeon Yoon is giving a presentation on the development of a three-stage 'ODA Intelligence Hub' platform and its ultimate provision to ODA recipient countries at the final round of the 2024 International Development Cooperation AI-Data Utilization Contest.

Student Jooyoung Park said, "It was a valuable opportunity to plan and provide a platform that gathers data into one and see the practical possibilities. Based on this, I would like to contribute to establishing an international win-win plan where donor and recipient countries can help each other."

Meanwhile, the 'KOICA International Development Cooperation AI-Data Utilization Contest' was held on Tuesday, November 5 at the KOICA headquarters in Seongnam, Gyeonggi Province, in the form of proposing ideas for planning using KOICA's public data and presenting the plan.

A total of 6 teams that passed the document screening and advanced to the presentation evaluation on that day were evaluated on the usability, originality, feasibility, and ripple effect of their ideas, and the Impact team that received the Excellence Award was awarded a plaque and a prize of 1 million won.