



Introduction to KICT Global Cooperation Program

KICT Global Cooperation Program

Technical Assistance

Localisation, Pilot
Operation and Validation

Develop technology to solve
global challenges

ENVIRONMENT

Water



Disaster



Clean
Energy



Zero
Carbon



Waste



INFRASTRUCTURE

Road



Bridge



Tunnel



Traffic



Architecture



Budget

100 million won per year

Duration

Max 2 years

ODA Project Planning

Feasibility Study,
Project Concept Paper(PCP)

Develop plans to ensure
sustainable development



Feasibility Study



Project Concept
Paper



Apply

Budget

70 million won per year

Duration

1 year

How We Can Cooperate

Problems/Challenges



UoS-ISUS Students

Solutions



KICT Researchers



New Projects

PROCESS



① **Proposal**
(UoS-ISUS ► KICT)



② **Consultation**
(KICT ► UoS-ISUS)



③ **Planning**
(KICT+UoS-ISUS)



④ **Application**
(KICT)

Case Study: Technical Assistance



Establishment of a 3D Geographic Information System-Based Water Resource Management System



Problem/Challenge

Rich in water resources,
but inconstent water availability

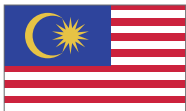
Solution

3D Geographic Information
System-Based Water Resource
Management System

Result

Reduction in Time and Cost

- Administrative work: 92,000 hrs, 16.4M peso
- Public Service Benefit: 1,900hrs, 10.9M Peso



How to Improve Rural Roads in Southeast Asia



Problem/Challenge

Poor Road Condition
in rural area

Solution

Surface stabilized soil paving
(mixture of cement, pozzolan,
lime and inorganic salt in an ideal ratio)

Result

bearing capacity ↑
(2.4 times of base ground of the farm road)

Case Study : ODA Project



Title

- Establishment and Administration of Vietnam-Korea Cooperation Center for Smart City and Construction Technology

Objective

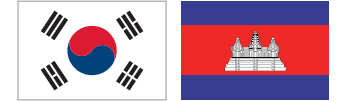
- To Establish the VKC for the cooperation on capacity building, technology transfer, and urban institutionalization in the smart city development

Duration

- 2020.06.26. -2024.06.26.

Budget

- USD 7.5 million (1\$= ₩ 1,000)



Title

- Renewal Project of Road Construction and Management System in Cambodia

Objective

- To enhancement of effective management and highly trained experts and to support the Cambodia institute of construction technology

Duration

- 2020.06.27. -2023.06.26.

Budget

- USD 3.9 million (1\$= ₩ 1,000)

