

ODA NEWS

03 Introduction to ODA projects conducted by KOTI

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1. Overview

Korea Transport Institute (KOTI) is a government-funded national research institute affiliated with the Prime Minister's Office. It conducts comprehensive research and development on transportation and logistics policies and technologies. KOTI has played a key role in advancing Korea's transportation and logistics systems by formulating national plans and conducting policy analysis.

The institute also works with international research organizations, global institutions, and multilateral development banks (MDBs) to address both domestic and global challenges in transportation and logistics.

In addition, KOTI supports Korea's international development cooperation policy and contributes to the global transport sector by collaborating with partner countries through various means, including diplomatic channels, to identify and design ODA projects for the Korean government. It also undertakes consulting projects such as the development of master plans and knowledge-sharing initiatives, drawing on its expertise in the transportation and logistics sector.

In this issue, we present a brief introduction to the ODA projects currently being carried out by KOTI in the transportation and logistics field.

2. Ongoing ODA projects by KOTI

a. Improving the reliability and safety on National Highway Corridors of Bangladesh by introduction of ITS (PMC) (2020.12~2025.12)

Client Agency

Roads and Highways Department (RHD), Bangladesh

Funding Agency

Korea International Cooperation Agency (Ministry of Foreign Affairs, MOFA)

Implementing Agencies

Korea Expressway Corporation / STraffic / Soosung Engineering / Winitech / Korea Transport Institute

Project Objectives and Key Components

- Support for establishing an ITS-based framework in Bangladesh (master plan, architecture, and standardization)
- Detailed design and implementation of an ITS pilot project
- Design and establishment of traffic management center functions and system requirements
- Transfer of ITS technology and capacity building

Project Area

National arterial road network across Bangladesh, including a 40 km section of the N8 highway (pilot project)

b. The Project to strengthen railway transportation competitiveness of Mongolia through the establishment and operational capability Enhancement of Railway Traffic Control Center in Mongolia (PMC) (2021.12~2026.12)

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| <p>Client Agency</p> | <p>Project Objectives and Key Components</p> |
| <p>Railway Traffic Control Center, Mongolia</p> | <ul style="list-style-type: none"> - Formulation of a master plan for an Integrated Railway Safety Control System |
| <p>Client Agency</p> | <ul style="list-style-type: none"> - Basic design and supervision for a pilot project on the Integrated Railway Safety Control System |
| <p>Korea International Cooperation Agency (Ministry of Foreign Affairs, MOFA)</p> | <ul style="list-style-type: none"> - Support for architectural works related to the Railway Traffic Control Center |
| <p>Implementing Agencies</p> | <ul style="list-style-type: none"> - Proposal and planning of capacity-building programs for local experts |
| <p>Korea Railroad Corporation (KORAIL) / Korea National Railway / Korea Railroad Research Institute / Korea Transport Institute / Yooshin Engineering Corporation</p> | <p>Project Area</p> |
| | <p>Nationwide in Mongolia, with a control center in Ulaanbaatar</p> |

c. Enhancing Mongolia's Automobile Inspection Capacity and Facilities to Strengthen Traffic Safety (PMC) (2023.09~2027.12)

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| <p>Client Agency</p> | <p>Project Objectives and Key Components</p> |
| <p>Ministry of Road and Transport, Mongolia</p> | <ul style="list-style-type: none"> - Policy advisory services for improving road safety in Mongolia through enhanced vehicle inspection functions |
| <p>Funding Agency</p> | <ul style="list-style-type: none"> - Consulting, system establishment, and provision/ installation of equipment for a Vehicle Management System |
| <p>Korea International Cooperation Agency (Ministry of Foreign Affairs, MOFA)</p> | <ul style="list-style-type: none"> - Functional improvement of vehicle inspection facilities |
| <p>Implementing Agencies</p> | <ul style="list-style-type: none"> - Provision of vehicle inspection equipment and mobile inspection vehicles |
| <p>Korea Transportation Safety Authority (TS) / Korea Transport Institute / Korea Road Traffic Authority (KoROAD)</p> | <p>Project Area</p> |
| | <p>Ulaanbaatar, Mongolia</p> |

d. Capacity Building Twinning Program to Accelerate E-Mobility Projects in Thailand and the Philippines (2024.7~2025.10)

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| <p>Client Agency</p> <p>Governments of Thailand and the Philippines</p> | <p>Project Objectives and Key Components</p> <ul style="list-style-type: none"> - Policy consulting on e-mobility - Knowledge-sharing workshops and capacity-building training programs (including invitational training in Korea) |
| <p>Funding Agency</p> <p>Asian Development Bank (ADB)</p> | |
| <p>Implementing Agencies</p> <p>Korea Transport Institute</p> | <p>Project Area</p> <p>Thailand and the Philippines</p> |

e. The Project for Supporting Sustainable Urbanization in Ulaanbaatar and Balanced National Development in Mongolia (PMC) (2024.09~2027.09)

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| <p>Client Agency</p> <p>Ministry of Construction and Urban Development, Mongolia</p> | <p>Project Objectives and Key Components</p> <ul style="list-style-type: none"> - Formulation of relocation plans for public institutions to promote balanced national development - Development of an integrated policy and planning package for the systematic preservation and development of Kharkhorin, Mongolia's historic and cultural capital - Planning for the utilization of new key hubs and relocation sites to promote polycentric urban development in Ulaanbaatar - Capacity-building support for Mongolian government officials and experts |
| <p>Funding Agency</p> <p>Korea International Cooperation Agency (Ministry of Foreign Affairs, MOFA)</p> | |
| <p>Implementing Agencies</p> <p>Han-A Urban Research Institute / Yooshin Engineering Corporation / The Seoul Institute / Korea Research Institute for Human Settlements (KRIHS) / Korea Transport Institute</p> | <p>Project Area</p> <p>Ulaanbaatar City and the northeastern area of Kharkhorin Soum, Mongolia</p> |

f. Feasibility Study for the Construction of the New Railway Jaloliddini Balkhi-Panji Poyon in Republic of Tajikistan (PMC) (2024.12~2026.06)

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| <p>Client Agency</p> | <p>Project Objectives and Key Components</p> |
| <p>Ministry of Transport, Tajikistan</p> | <ul style="list-style-type: none"> - Feasibility study for the Jaroliddini Balkhi-Panj Poyon railway facilities |
| <p>Funding Agency</p> | <ul style="list-style-type: none"> - Capacity building for railway construction planning |
| <p>Korea International Cooperation Agency (Ministry of Foreign Affairs, MOFA)</p> | <ul style="list-style-type: none"> - Provision of equipment and materials |
| <p>Implementing Agencies</p> | <p>Project Area</p> |
| <p>Yooshin Engineering Corporation / Korea Railroad Research Institute / Korea Transport Institute (KOTI)</p> | <p>Khatlon Province, Tajikistan</p> |

g. Smart and Digital Urban Transport MP in Ulaanbaatar City for Reducing Traffic Congestion (2025.05~2027.05)

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| <p>Client Agency</p> | <p>Project Objectives and Key Components</p> |
| <p>Ulaanbaatar City Government, Mongolia</p> | <ul style="list-style-type: none"> - Formulation of an Urban Transport Master Plan for Ulaanbaatar to alleviate traffic congestion (covering roads, public transport, ITS, and eco-friendly transport) |
| <p>Funding Agency</p> | <ul style="list-style-type: none"> - Feasibility study for the transport network connecting Ulaanbaatar with new towns (roads and metropolitan railway) |
| <p>International Contractors Association of Korea (Ministry of Land, Infrastructure and Transport, MOLIT)</p> | <ul style="list-style-type: none"> - Capacity-building for local experts |
| <p>Implementing Agencies</p> | <p>Project Area</p> |
| <p>Korea Transport Institute (KOTI) / Dong Myeong Engineering Consultants / HD Co., Ltd.</p> | <p>Ulaanbaatar, Mongolia</p> |