



Technical Assistance Report

PUBLIC

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Transaction Technical Assistance (TRTA)
December 2022

Kingdom of Thailand: Preparing the Climate Resilient Connectivity for the Eastern Economic Corridor Project: the Intercity Motorway No. 7 (Extension to Link with U-Tapao Airport)

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Asian Development Bank

CURRENCY EQUIVALENTS
(as of 25 November 2022)

Currency unit	–	baht (B)
B1.00	=	\$0.03
\$1.00	=	B35.78

ABBREVIATIONS

ADB	–	Asian Development Bank
EEC	–	Eastern Economic Corridor
TA	–	technical assistance

NOTE

- (i) In this report, "\$" refers to United States dollars.

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TRANSACTION TECHNICAL ASSISTANCE AT A GLANCE

1. Basic Data		Project Number: 56223-002	
Project Name	Preparing the Climate Resilient Connectivity for the Eastern Economic Corridor Project: the Intercity Motorway No. 7 (Extension to Link with U-Tapao Airport)	Department/Division	SERD/SETC
Nature of Activity	Project Preparation	Executing Agency	Department of Highways
Modality	Regular		
Country	Thailand		
2. Sector	Subsector(s)	ADB Financing (\$ million)	
✓ Transport	Urban roads and traffic management		0.700
		Total	0.700
3. Operational Priorities		Climate Change Information	
✓ OP2: Accelerating progress in gender equality		GHG Reductions (tons per annum)	0
✓ OP4: Making cities more livable		Climate Change impact on the Project	High
✓ OP6: Strengthening governance and institutional capacity			
		ADB Financing	
		Adaptation (\$ million)	0.000
		Mitigation (\$ million)	0.000
		Cofinancing	
		Adaptation (\$ million)	0.000
		Mitigation (\$ million)	0.000
Sustainable Development Goals		Gender Equity and Mainstreaming	
SDG 9.1		Some gender elements (SGE)	✓
		Poverty Targeting	
		General Intervention on Poverty	✓
4. Risk Categorization	Low		
5. Safeguard Categorization	Safeguard Policy Statement does not apply		
6. Financing			
Modality and Sources		Amount (\$ million)	
ADB		0.700	
Transaction technical assistance: Technical Assistance Special Fund		0.700	
Cofinancing		0.000	
None		0.000	
Counterpart		0.000	
None		0.000	
Total		0.700	
Currency of ADB Financing: US Dollar			

I. THE ENSUING PROJECT

1. The proposed Climate Resilient Connectivity for the Eastern Economic Corridor Project: the Intercity Motorway No. 7 (Extension to Link with U-Tapao Airport) Project will support the Government of Thailand promote the establishment of the Eastern Economic Corridor (EEC) by completing the transport network connecting the U-Tapao International Airport to the rest of the EEC area and to the eastern provinces of the country.¹ The project will be aligned with the following impacts: The EEC's growth prospects expanded and adequate climate resilient infrastructure is established for the country to position itself as the economic hub of the ASEAN. The outcome of the project will be regional connectivity of the EEC improved. The outputs of the project will be (i) climate resilient and safe land transportation network provided linking to the overall multimodal connectivity plan to and within the EEC; and (ii) capacity building program for transition to low-carbon transport developed integrating gender equality and social inclusion analysis to ensure just transition for women and marginalized groups.

2. The project is estimated to cost \$125 million. The Government of Thailand has requested an indicative regular loan of \$100 million from the Asian Development Bank's (ADB) ordinary capital resources to help finance the project. The government will provide \$25 million of counterpart funds.

II. THE TECHNICAL ASSISTANCE

A. Justification

3. The transaction technical assistance (TA) will help the government prepare the project.² In response to the government's request for preparatory assistance for the proposed project, ADB will provide support conducting the due diligence for any ensuing ADB loan. The transaction TA will supplement the ongoing activities supported by TA 9621-REG to navigate the potential to align the project with the Paris Agreement.³

B. Output and Activities

4. **Feasibility study for the project is prepared.** The TA will support the government in preparing a feasibility study for the project in coordination with TA 9621-REG (footnote 3). While TA 9621-REG will focus on aligning the climate change aspects of the project with the Paris Agreement, the proposed TA will carry out an analysis of safeguards, economic and financial management, and gender aspects of the proposed project. The TA will provide guidance and support to the Department of Highways (DOH) to shape climate-resilient technical solutions and prepare the project implementation.

C. Cost and Financing

5. The TA financing amount is \$700,000, which will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF-other sources). The key expenditure items are listed in Appendix 1.

¹ The project received its cabinet approval from Government of Thailand on 14 June 2022 for consideration of ADB lending and is listed as the Intercity Motorway No. 7 (Extension to Link with U-Tapao Airport) Project.

² The TA first appeared in the business opportunities section of ADB's website on 25 November 2022.

³ ADB. 2018. [Technical Assistance for Green and Innovative Finance Initiative for Scaling Up Southeast Asian Infrastructure](#). Manila; and United Nations Framework Convention on Climate Change. 2015. [The Paris Agreement](#). Paris.

6. The government will provide counterpart support in the form of staff and other in-kind contributions. The government was informed that approval of the TA does not commit ADB to finance any ensuing project.

D. Implementation Arrangements

7. The executing agency will be the DOH. ADB will administer the TA through the Southeast Asia Regional Department (SERD) and will select, supervise, and evaluate consultants. ADB's Transport and Communications Division, SERD will be responsible for the TA implementation and will work closely with the DOH, the project implementing unit, and in close coordination with Thailand Resident Mission.

8. The implementation arrangements are summarized in the table.

Implementation Arrangements

Aspects	Arrangements		
Indicative implementation period	December 2022 – December 2023		
Executing agency	Department of Highways		
Consultants	To be selected and engaged by ADB		
	Individual: individual selection	International expertise (19 person-months)	\$372,000
	Individual: individual selection	National expertise (8.5 person-months)	\$55,880
Procurement	To be procured by consultants		
	Goods (rental or purchase), Shopping	1 contract	\$10,000
Advance contracting	Individual consultant contracts are proposed for advance contracting until the negotiations stage.		
Disbursement	Disbursement of TA resources will follow ADB's <i>Technical Assistance Disbursement Handbook</i> (2020, as amended from time to time).		

ADB = Asian Development Bank, TA = technical assistance.

Source: Asian Development Bank.

9. **Consulting services.** ADB will select and engage the consultants following the ADB Procurement Policy (2017, as amended from time to time) and its associated staff instructions and Procurement Regulations (2017, as amended from time to time).⁴ All TA-financed goods will be procured by consultants in accordance with the ADB Procurement Policy (2017, as amended from time to time) and its associated staff instructions and Procurement Regulations (2017, as amended from time to time).

⁴ The Terms of Reference for Consultants is accessible from the list of linked documents in Appendix 2.

COST ESTIMATES AND FINANCING PLAN
(\$'000)

Item	Amount
A. Asian Development Bank^a	
1. Consultants	
a. Remuneration and per diem	
i. International consultants	372.00
ii. National consultants	55.88
b. Out-of-pocket expenditures	
i. International and local travel	137.80
ii. Reports and communications	12.75
2. Surveys	35.00
3. Goods (rental or purchase) ^b	10.00
4. Training, seminars, and conferences ^c	20.00
5. Miscellaneous technical assistance administration costs ^d	10.00
6. Contingencies	46.57
Total	700.00

Note: The technical assistance (TA) is estimated to cost \$700,000, of which contributions from the Asian Development Bank (ADB) are shown in the table. The Government of Thailand will provide counterpart support in the form of staff, and other in-kind contributions.

^a Financed by ADB's Technical Assistance Special Fund (TASF-other sources).

^b Goods to be procured include office equipment, computers, and furniture.

^c Activities related to training, seminars, workshops, forums, and conferences may be conducted in-country and in other countries. In case of restrictions posed by the global coronavirus disease pandemic, physical in-person training sessions, seminars, and conferences may be changed to virtual, online events. This budget may include a travel allowance for ADB staff acting as resources following ADB Budget, Personnel, and Management Systems Department and the Strategy and Policy Department. 2013. *Use of Bank Resources: Regional Technical Assistance and Technical Assistance vs. Internal Administrative Expenses Budget*. Memorandum. 26 June (internal).

^d Administration expenses include items such as software, application licenses, and translation services that are not under the consultant's contract.

Source: Asian Development Bank estimates.

LIST OF LINKED DOCUMENTS

<http://www.adb.org/Documents/LinkedDocs/?id=56223-002-TARreport>

1. Terms of Reference for Consultants