



# Regional: Smart and Livable Cities in Southeast Asia

Project Name	Smart and Livable Cities in Southeast Asia							
Project Number	56132-001							
Country / Economy	Regional Cambodia Indonesia Lao People's Democratic Republic Malaysia Philippines Thailand Viet Nam							
Project Status	Active							
Project Type / Modality of Assistance	Technical Assistance							
Source of Funding / Amount	<table border="1"> <tr> <td>TA 10069-REG: Smart and Livable Cities in Southeast Asia</td> <td></td> </tr> <tr> <td>Technical Assistance Special Fund</td> <td>US\$ 750,000.00</td> </tr> <tr> <td>ASEAN Australia Smart Cities Trust Fund under the Urban Financing Partnership Facility</td> <td>US\$ 1.75 million</td> </tr> </table>		TA 10069-REG: Smart and Livable Cities in Southeast Asia		Technical Assistance Special Fund	US\$ 750,000.00	ASEAN Australia Smart Cities Trust Fund under the Urban Financing Partnership Facility	US\$ 1.75 million
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Strategic Agendas	Environmentally sustainable growth Inclusive economic growth							
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development Knowledge solutions Partnerships Private sector development							
Sector / Subsector	Water and other urban infrastructure and services / Urban policy, institutional and capacity development							
Gender Equity and Mainstreaming	Effective gender mainstreaming							
Description	<p>The knowledge and support technical assistance (TA) cluster will support selected Southeast Asian developing member countries (DMCs) of the Asian Development Bank (ADB) to plan and develop livable cities that are smart, inclusive, environmentally sustainable, resilient, and competitive. The KSTA will leverage a OneADB approach and ADB's knowledge, finance, and partnerships to support project preparation and implementation, financing, and associated capacity development in the areas of (i) planning systems, (ii) service delivery, and (iii) financial management of the cities.</p>							
Project Rationale and Linkage to Country/Regional Strategy	<p>To ensure Southeast Asian cities minimize the challenges and maximize the opportunities resulting from urbanization, cities will need to ensure they have sufficient capacity for:</p> <p>(i)Effective Urban Planning: Many SEA cities lack the technical capacity for integrated urban planning, and design and delivery of resilient and green urban infrastructures and services. The cities also lack the capacity to identify, assess and adopt smart and innovative technologies for urban planning to address climate change and rapid urbanization. Inadequate institutional structures, overlapping and fragmented arrangements to oversee management of complex and demanding urban services, and lack of appropriate policy and regulatory frameworks, integrated planning, and financing systems have all led to urban sprawls and unplanned developments, urban environmental degradation, and overall poor level of livability, sustainability, and resilience in the SEA cities;</p> <p>(ii)Effective Service Delivery: Many SEA cities lack capacity to identify, assess and adopt innovative approaches and smart technology. In addition, there are various challenges including budget and capacity for asset management, and sustainable operation and maintenance at the local government and service provider level which limit effective and efficient delivery of services to its citizens.</p> <p>(iii)Effective Financial Management: The annual infrastructure investment needed for the SEA region was estimated to be about \$210 billion from 2016 to 2030. The local and city governments, and the municipal service providers receive limited financial income through tax, tariff, subsidy from the central government, and other sources. Due to lack of well-regulated tariff systems, prudent financial management capacity, smart and innovative solutions, local capital resource mobilization and private sector participation, and inadequate revenue streams, the cities cannot invest enough in the key infrastructures and services that will improve livability and resilience.</p> <p>Responding to both the challenges and opportunities of urbanization, and the need to enhance planning, service delivery and financial management, the TA is designed to support SEA cities to leapfrog using the exponential growth and emergence of technology and innovations. The deployment of broadband infrastructure, mobile telecom penetration, and wireless connectivity across SEA countries provides an opportunity for cities and service providers to plan, coordinate, govern, and finance urban services more effectively and efficiently. As such the TA will explore the possibility to apply disruptive technologies such as mobile internet, big data, cloud technology, the Internet of Things (IoT), and the automation of knowledge work to increase city smartness and as a result enhance livability. Examples of technologies to be explored include operating systems using real time data from sensors and IoT, tax payment and tariff collection systems, analyzing habitation patterns through socioeconomic profiles, understanding citizens' needs, analyzing service usage patterns, analyzing climate change events, and forecasting future events. Attracting private sector participation and investment through new technology, and financial innovation, the cities could break the norms and deliver more competitive, livable, and resilient environment to the citizens</p>							
Impact	Competitiveness, resilience, and livability levels of cities in Southeast Asia improved							
<b>Project Outcome</b>								
Description of Outcome	Capacity of the participating cities to plan and enforce their urban planning systems, provide service, and manage finances sustainably improved							
<b>Progress Toward Outcome</b>								
<b>Implementation Progress</b>								

Description of Project Outputs	Urban planning systems and enforcement in participating cities improved Service delivery in participating cities improved Financial management systems in participating cities improved
Status of Implementation Progress (Outputs, Activities, and Issues)	
Geographical Location	Cambodia - Nation-wide, Battambang, Kampot, Krong Bavet, Phnom Penh, Poipet; Indonesia - Nation-wide, Makassar, Palembang, Pontianak, Semarang; Lao People's Democratic Republic - Nation-wide, Luang Prabang, Pakse, Savannakhet; Malaysia - Nation-wide, Penang; Philippines - Nation-wide, Baguio, Baguio City, Coron, Davao, El Nido; Thailand - Nation-wide, Chon Buri; Viet Nam - Nation-wide, Gia Nghia, Ho Chi Minh City, Hue, Phan Rang, Phan Thiet

Summary of Environmental and Social Aspects	
Environmental Aspects	
Involuntary Resettlement	
Indigenous Peoples	
Stakeholder Communication, Participation, and Consultation	
During Project Design	
During Project Implementation	

Business Opportunities	
Consulting Services	ADB will engage consultants following the ADB Procurement Policy (2017, as amended from time to time) and its associated project administration instructions and/or staff instructions. Advance contracting will be used for the recruitment of the technical assistance implementation support consultant. Surveys and other support services, if required, will be acquired by the consultant following the ADB Procurement Policy (2017, as amended from time to time) and its associated staff instructions. Consultants will procure goods and equipment for pilot testing.
Procurement	Necessary software, equipment, goods, and non-consulting services to support KSTA implementation will be procured following the ADB Procurement Policy (2017, as amended from time to time).

Responsible ADB Officer	Thu, Kyaw
Responsible ADB Department	Southeast Asia Department
Responsible ADB Division	Urban Development and Water Division, SERD
Executing Agencies	Asian Development Bank

Timetable	
Concept Clearance	17 Aug 2022
Fact Finding	-
MRM	-
Approval	21 Dec 2022
Last Review Mission	-
Last PDS Update	21 Dec 2022

## TA 10069-REG

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
750,000.00	1,750,000.00	0.00	0.00	0.00	0.00	2,500,000.00	-	0.00

Project Page	<a href="https://www.adb.org/projects/56132-001/main">https://www.adb.org/projects/56132-001/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=56132-001">http://www.adb.org/forms/request-information-form?subject=56132-001</a>
Date Generated	22 December 2022

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