



India: Chennai Metro Rail Investment Project - Tranche 1

Project Name	Chennai Metro Rail Investment Project - Tranche 1														
Project Number	52234-002														
Country / Economy	India														
Project Status	Approved														
Project Type / Modality of Assistance	Loan Technical Assistance														
Source of Funding / Amount	<table><tr><td>Loan 4273-IND: Chennai Metro Rail Investment Project - Tranche 1</td><td></td></tr><tr><td>Ordinary capital resources</td><td>US\$ 350.00 million</td></tr><tr><td>Loan: Chennai Metro Rail Investment Project - Tranche 1</td><td></td></tr><tr><td>New Development Bank</td><td>US\$ 347.00 million</td></tr><tr><td>Asian Infrastructure Investment Bank</td><td>US\$ 795.00 million</td></tr><tr><td>TA 10031-IND: Enhancing Urban Mobility and Livability of the Chennai Metropolitan Area</td><td></td></tr><tr><td>Technical Assistance Special Fund</td><td>US\$ 1.00 million</td></tr></table>	Loan 4273-IND: Chennai Metro Rail Investment Project - Tranche 1		Ordinary capital resources	US\$ 350.00 million	Loan: Chennai Metro Rail Investment Project - Tranche 1		New Development Bank	US\$ 347.00 million	Asian Infrastructure Investment Bank	US\$ 795.00 million	TA 10031-IND: Enhancing Urban Mobility and Livability of the Chennai Metropolitan Area		Technical Assistance Special Fund	US\$ 1.00 million
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Strategic Agendas	Environmentally sustainable growth Inclusive economic growth														
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development Partnerships														
Sector / Subsector	Transport / Urban public transport														
Gender Equity and Mainstreaming	Effective gender mainstreaming														
Description	The Chennai Metro Rail Investment Project will contribute in the expansion of the existing metro rail network in Chennai, the capital city of Tamil Nadu, a state on the south-east coast of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennai to key points in the south and west of the city. The first tranche will cover the initial stage of civil works related to underground tunneling and stations along the Line 4 corridor, and the construction of viaducts along the Line 3 corridor. Other contracts related to establishment of stabling depot, staff quarters, electrical and mechanical components, and other system packages will be procured subsequently. It will also include planning activities on urban renewal and livability improvement through the attached TA. The remaining tranches will gradually finance the contracts as they progress, and the periodic financing requests will be issued based on disbursement projections.														
Project Rationale and Linkage to Country/Regional Strategy	The Chennai Metropolitan Area's (CMA's) rapid population increase coupled with strong economic growth are bringing about tremendous pressure to improve basic urban infrastructure and facilities, including to meet the increasing demand for urban mobility. The high level of urbanization in the CMA has contributed to the expansion of the urban areas towards suburban regions. Significant land use changes from agricultural areas into industrial and residential areas have been observed along major corridors. This urban expansion has consequently increased the average travel distance to the central region, prompting the need for a fast and convenient way of travel, particularly for business and commuting trips which account for more than 80% of total trips in the CMA.														
Impact	Urban mobility and livability in the Chennai Metropolitan Area improved														
Project Outcome															
Description of Outcome	Access to and connectivity of public transport in the Chennai Metropolitan Area improved														
Progress Toward Outcome															
Implementation Progress															
Description of Project Outputs	New metro lines completed Multimodal and land use integration improved Non-farebox revenue mechanism strengthened														
Status of Implementation Progress (Outputs, Activities, and Issues)															
Geographical Location	Chennai, Chennai														
Safeguard Categories															
Environment	A														
Involuntary Resettlement	A														
Indigenous Peoples	C														
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	The Chennai Metro Rail Ltd will engage a general consultant to provide support in the implementation and coordination of overall activities under Phase II metro development, including in general project management, procurement, construction supervision, safeguards implementation, and financial management. The selection of the general consultant is ongoing, to be financed by the Asian Infrastructure Investment Bank.
Procurement	Advance contracting and retroactive financing will be undertaken. Procurement will be done in accordance with ADB's Procurement Policy (2017, as amended from time to time) and Procurement Regulations for ADB Borrowers (2017, as amended from time to time). Draft bidding documents for all contracts will be prepared by the Chennai Metro Rail Ltd and approved by ADB. The state government's e-procurement system will be used for all procurement activities.

Responsible ADB Officer	Heriawan, Andri
Responsible ADB Department	South Asia Department
Responsible ADB Division	Transport and Communications Division, SARD
Executing Agencies	Chennai Metro Rail Limited Department of Planning, Development and Special Initiatives, Government of Tamil Nadu

Timetable	
Concept Clearance	-
Fact Finding	-
MRM	24 Oct 2022
Approval	08 Dec 2022
Last Review Mission	-
Last PDS Update	09 Dec 2022

Loan 4273-IND

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	1,689.40	Cumulative Contract Awards			
ADB	350.00	-	0.00	0.00	%
Counterpart	1,339.40	Cumulative Disbursements			
Cofinancing	0.00	-	0.00	0.00	%

TA 10031-IND

Financing Plan/TA Utilization						Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others		
1,000,000.00	0.00	0.00	0.00	0.00	0.00	-	0.00

Project Page	https://www.adb.org/projects/52234-002/main
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