

## India: Chennai Metro Rail Investment Project -Tranche 1

Foreign Number    Section   Foreign Number   Section   India				
Project Status   Approved   App	Project Name	Chennai Metro Rail Investment	Project - Tranche 1	
Project Status Approved	Project Number	52234-002		
Lan	Country / Economy	India		
Sector of Funding / Amount    Continue of Very Continue o	Project Status	Approved		
Class Al 22 page   Continuer y capital resources   USS 350.00 million	Project Type / Modality of Assistance			
Loan: Chennal Metro Rail Investment Project - Tranche 1     New Development Bank	Source of Funding / Amount	Loan 4273-IND: Chennai Metro	Rail Investment Project - Tranche 1	
New Development Bank US\$ 347.00 million Asian Infrastructure Investment Bank US\$ 795.00 million Asian Infrastructure Investment Bank US\$ 795.00 million Tal 10031-ND: Enhancing Urban Mobility and Livability of the Chennai Metropolitan Area US\$ 1.00 million US\$ 1		Ordinary capital resources		US\$ 350.00 million
Asian Infrastructure Investment Bank USS 795.00 million Tax 1003.11ND: Enhancing Urban Mobility and Livability of the Chennai Metropolitan Area (Chinical Assistance Special Fund US\$ 1.00 million (Chinical Assistance Special Fund US\$ 1.00 million (Chinical Assistance Special Fund US\$ 1.00 million (Chinical Assistance Special Fund Urban Mobility and Livability of the Chennai Metropolitan Area (Chinical Assistance Special Fund Urban Mobility and Mainstreaming Covernance and capacity development Partnerships (Covernance and capacity development Partnership) (Covernance and Capacity and Capacity and Capacity and Capacity (Covernance and Capacity) (Covernance and Capa		Loan: Chennai Metro Rail Inves	stment Project - Tranche 1	
Tax 10031-IND: Enhancing Urban Mobility and Livability of the Chennal Metropolitan Area  Technical Assistance Special Fund  Environmentally sustainable growth  Crivers of Change  Gender Equity and Mainstreaming  Description  The Chennal Metro Rail Investment Project will contribute in the expansion of the existing metro rail network in Chennal, the capital city of Tan Nadu, a state on the south-east coast of India. The investment project will develop Line 3 and 4, connecting the central area of Chennal Air or Nadu, a state on the south-east coast of India. The investment project will develop Line 3 and 4, connecting the central area of Chennal Air or Nadu, a state on the south-east coast of India. The investment project will develop Line 3 and 4, connecting the central area of Chennal Air or Nadu, a state on the south-east coast of India. The investment project will develop Line 3 and 4, connecting the central area of Chennal Air or Nadu, a state on the south-east coast of India. The investment project will develop Line 3 and 4, connecting the central area of Chennal Air or Nadus and one of the contracts of India. The India Read of India and was of the city. The first India of Chennal Air or Visidous and the construction of Visidous along the Line 3 corridor. Other contracts related to underground turneling and state on the state of India and Chennal Metropolitan Area india and the Chennal Metropolitan Area india and convenient way of travel, particularly for busine a		New Development Bank		US\$ 347.00 millio
Technical Assistance Special Fund US\$ 1.00 million Strategic Agendas Environmentally sustainable growth Inclusive economic Inclusive Economic Growth Inclusive Economic Growth Inclusive Economic Growth Inclusive Economic Inclusive Ec		Asian Infrastructure Investmen	nt Bank	US\$ 795.00 million
Environmentally sustainable growth Inclusive conomic growth Inclusive Including I		TA 10031-IND: Enhancing Urba	an Mobility and Livability of the Chennai Metropolitan Area	
Inclusive economic growth  Crivers of Change  Gender Equity and Mainstreaming Governance and capacity development Partnerships  Sector / Subsector  Transport / Urban public transport  Gender Equity and Mainstreaming  Description  The Chennal Metro Rail Investment Project will contribute in the expansion of the existing metro rail network in Chennal, the capital city of Tan Nadu, a state on the south-east coast of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennal to kee points in the south and west of the Lity. The first transhe will cover the initial stage of underground tunneling and station 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 works related to underground tunneling and station 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 were such as a construction of viaducts along the Line 3 corridor. Other contracts as the progress, and the periodic financinar grequests will be issued based on disbursementylt, It will also include planning activities on urban renewal and livability improvement through the attached TA. The remaining transhes will gradually finance the contracts as they progress, and the periodic financing requests will be issued based on disbursementyle, twill also include planning activities on urban renewal and livability infrastructure and facilities, including to meet the increasing demand for urban mobility free high level of urbanization in the CMA has contributed to the expansion of the urban areas towns suburban regions. Significant and use changes from agricultural areas into industrial and residential areas have been observed along major corridors. This urban expansion has conse		Technical Assistance Special F	und	US\$ 1.00 million
Governance and capacity development Partnerships  Sector / Subsector Transport / Urban public transport  Gender Equity and Mainstreaming  Description  The Chennal Metro Rail Investment Project will contribute in the expansion of the existing metro rail network in Chennal, the capital city of Tan Nadu, a state on the south-east coast of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennal to Report of India. The investment project will develop Lines 3 and 4, connecting the central area of chennal to Report of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennal to Report of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennal to Report of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennal to Report of India. The India of Indi	Strategic Agendas		owth	
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 Tan 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 the points in the south-east coast of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennai to the points in the south-east coast of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennai to points in the south-east coast of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennai to points in the south-east of the city. The first tranche will cover the initial seq of could review on the contracts at the progress of the city. The first tranche will cover the contracts at the progress of the city of the contracts at the progress, electrical and mechanical components, and other system package 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 at they progress, and the periodic financing requests will be issued based on disbursement projections.  Project Rationale and Linkage to 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 toxis suburban regions. Significant land use contributed to the urban areas toxis suburban regions. Significant land use consequently increased the everage travel distance to the central region, prompting the need for a fast and convenient way of travel, particularly for busine and community of the con	Drivers of Change	Governance and capacity devel		
Description  The Chennai Metro Rail Investment Project will contribute in the expansion of the existing metro rail network in Chennai, the capital city of Tan 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 the 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 station along the Line 1 and the construction of viaducts along the Line 3 clong the Line 4 cornidor, and and livability improvement through the attached The The remaining tranches will gradually finance the contracts at they progress, and the periodic financing requests will be issued based on disbursement projections.  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 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 busine and community grips which account for more than 80% of total trips in the CMA.  Implementation Progress  Description of Project Outputs  New metro lines completed Multimodal and land use integration improved  Multimodal and land use integration improved  Chennai, Chennai  Chennai, Chennai  Chennai, Chennai  Chennai, Chennai  Chen	Sector / Subsector	Transport / Urban public transpo	ort	
Nadu, a state on the south-neast coast of India. The investment project will develop Lines 3 and 4, connecting the central area of Chennai to ke points in the south and west of the city. The first tranche will cover the india stage of civil works related to underground trunneling and station along the Line 4 corridor, and the construction of viaducts along the Line 3 corridor. Other contracts related to establishment of stabling depring activities on urban renewal and livability improvement through the attached Ta. The remaining tranches will gradually finance the contracts at 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 asto wards 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 busine and commuting trips which account for more than 80% of total trips in the CMA.  Project Outcome  Project Outcome  Description of Outcome  Access to and connectivity of public transport in the Chennai Metropolitan Area improved  Multimodal and land use integration improved  Multimodal and land use integration improved  Mon-farebox revenue mechanism strengthened  Safeguard Categories  Environment  A monoluntary Resettlement  A monoluntary Resettlement	Gender Equity and Mainstreaming	Effective gender mainstreaming	9	
Country/Regional Strategy 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 busine and commuting trips which account for more than 80% of total trips in the CMA.  Project Outcome  Description of Outcome  Access to and connectivity of public transport in the Chennal Metropolitan Area improved  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  Chennal, Chennal  Chennal, Chennal  A  A  A  Moulountary Resettlement  A	Description	Nadu, a state on the south-east points in the south and west of along the Line 4 corridor, and th staff quarters, electrical and me activities on urban renewal and	t coast of India. The investment project will develop Lines 3 and 4, conr the city. The first tranche will cover the initial stage of civil works relat he construction of viaducts along the Line 3 corridor. Other contracts re echanical components, and other system packages will be procured sul I livability improvement through the attached TA. The remaining tranch	necting the central area of Chennai to key ed to underground tunneling and stations elated to establishment of stabling depot, bsequently. It will also include planning
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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  Environment  A  A  A  A  A				
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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  A  A  A  A	Description of Outcome		Access to and connectivity of public transport in the Chennai Metrop	politan Area improved
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  A  A  A	Progress Toward Outcome			
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  Multimodal and land use integration improved Non-farebox revenue mechanism strengthened  A	Implementation Progress			
Geographical Location Chennai Chennai Safeguard Categories Environment A A Involuntary Resettlement A	Description of Project Outputs		Multimodal and land use integration improved	
Safeguard Categories  Environment A Involuntary Resettlement A	Status of Implementation Progres	ss (Outputs, Activities, and Issues)	5)	
Environment A A Involuntary Resettlement A	Geographical Location		Chennai, Chennai	
Involuntary Resettlement A	Safeguard Categories			
*	Environment			A
ndigenous Peoples C	Involuntary Resettlement			A
	Indigenous Peoples			С
	Environmental Aspects			

Involuntary Resettle	ment					
Indigenous Peoples						
Stakeholder Commu	unication, Participation, and Co	nsultation				
During Project Desig	jn					
During Project Imple	ementation					
Business Opportunit	ties					
Consulting Services	metro development, includin	vill engage a general consultant to provide support in the implementation and coordination of overall activities under Phase II g in general project management, procurement, construction supervision, safeguards implementation, and financial of the general consultant is ongoing, to be financed by the Asian Infrastructure Investment Bank.				
Procurement	from time to time) and Procu	roactive financing will be undertaken. Procurement will be done in accordance with ADB's Procurement Policy (2017, as amended rement Regulations for ADB Borrowers (2017, as amended from time to time). Draft bidding documents for all contracts will be tro Rail Ltd and approved by ADB. The state government's e-procurement system will be used for all procurement activities.				
Responsible ADB Of	ficer	Heriawan, Andri				
Responsible ADB De	partment	South Asia Department				
Responsible ADB Di	vision	Transport and Communications Division, SARD				
		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						

## Loan 4273-IND

Last PDS Update

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

09 Dec 2022

## **TA 10031-IND**

			Cumulative	Disbursements					
ADB	Cofinancing	Counterpart				Total	Date	Amount	
		Gov	Beneficiaries	Project Sponsor		Others			
1,000,000.00	0.00	0.00	0.00		0.00	0.00	1,000,000.00	-	0.00

Project Page	https://www.adb.org/projects/52234-002/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=52234-002
Date Generated	12 December 2022

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