



India: Strengthening Climate Change Resilience in Urban India - Strengthening Smart Urban Mass Rapid Transit and Climate Change Resilience in the National Capital Region (Subproject 3)

Project Name	Strengthening Climate Change Resilience in Urban India - Strengthening Smart Urban Mass Rapid Transit and Climate Change Resilience in the National Capital Region (Subproject 3)	
Project Number	49106-005	
Country	India	
Project Status	Approved	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 9829-IND: Strengthening Climate Change Resilience in Urban India - Strengthening Smart Urban Mass Rapid Transit and Climate Change Resilience in the National Capital Region (Subproject 3) Urban Climate Change Resilience Trust Fund under the Urban Financing Partnership Facility US\$ 2.89 million	
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships	
Sector / Subsector	Transport - Transport policies and institutional development	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	The subproject is intended to provide a targeted assistance for ensuring climate change resilience and universal accessibility through enhanced multi-modal integration of the ensuing project, suitable for the context of the RRTS which is envisioned to be a new type of urban transport in India. For this purpose, the subproject will review the existing transit-oriented urban planning approaches of the NCRTC and, where feasible, propose pilot studies for selected station areas or towns. It will also support the use of advanced technologies for infrastructure design and construction process management, specifically, Building Information Modelling (BIM) and dedicated mapping survey technologies.	
Project Rationale and Linkage to Country/Regional Strategy	As this is the first time that such technologies are applied for a large-scale urban transport project in India, feasibility assessment will be done. Since the total of three RRTS corridors are being planned by the NCRTC for immediate implementation including the Delhi- Meerut corridor, the subproject has a potentially large demonstration effect for the NCR in terms of sharing good practices in innovation in project preparation and management and enhancing climate change resilience.	
Impact		
Project Outcome		
Description of Outcome		
Progress Toward Outcome		
Implementation Progress		
Description of Project Outputs		
Status of Implementation Progress (Outputs, Activities, and Issues)		
Geographical Location	NCR	
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 consultants will be engaged in accordance with the ADB Guidelines on the Use of Consultants (2013, as amended from time to time) and the associated project administration instructions and/or TA staff instructions.

Procurement Not applicable.

Responsible ADB Officer	Sharad Saxena
Responsible ADB Department	South Asia Department
Responsible ADB Division	Transport and Communications Division, SARD
Executing Agencies	Ministry of Housing and Urban Affairs Nirman Bhawan, Maulana Azad Road New Delhi 110 011 India

Timetable

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	22 Oct 2019
Last Review Mission	-
Last PDS Update	22 Oct 2019

TA 9829-IND

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	2,891,185.00	0.00	0.00	0.00	0.00	2,891,185.00	-	0.00

Project Page	https://www.adb.org/projects/49106-005/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=49106-005
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