



India: Supporting Sustainable Urban Transport in Aizawl City

Project Name	Supporting Sustainable Urban Transport in Aizawl City	
Project Number	48356-001	
Country	India	
Project Status	Closed	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 8765-IND: Supporting Sustainable Urban Transport in Aizawl City	
	Technical Assistance Special Fund	US\$ 225,000.00
Strategic Agendas	Inclusive economic growth	
Drivers of Change	Governance and capacity development	
Sector / Subsector	Transport - Urban public transport	
Gender Equity and Mainstreaming	No gender elements	
Description	<p>The Government of India (GOI) requested ADB provide assistance to support the development of a sustainable urban transport plan in Aizawl, the capital city of Mizoram state. The S-CDTA (TA) is not included in the Country Cooperation Operations Business Plan, 2013-2015.</p> <p>The impact of the TA is to equip Aizawl city with safe and sustainable urban transport infrastructure. The outcome is to improve urban development planning for urban transport in Aizawl city. Based on the review of the existing studies including CDP, and consultation with the relevant state government officials, the TA will identify the bottlenecks of the implementation issues to find a possible direction of the study recommendations. The TA will start with the assessment of the possible short term mitigation measures through traffic flow controls and with small investments in the infrastructure, such as pedestrian decks/bridges and cycling paths, to maximize the utilization of existing urban roads by vehicles. Demand control measures such as provision of public parking spaces will also be explored.</p> <p>As medium to long term measures, the TA will conduct the pre-feasibility studies of possible urban transport systems suitable for Aizawl city, such as cable liners, ropeways etc. and assess whether they can be economically and financially viable options. This includes the brief technical assessment of candidate projects, ranging from engineering, economic/financial, institutional arrangements and safeguard aspects to guide the state government to plan the further actions including the financing plans to materialize the projects. Possibility to apply PPP will also be explored. It includes the brief assessment to improve the air pollution based on the experiences typically observed in other cities where the number of vehicles continues to increase even after the introduction of new urban transport system.</p> <p>The TA will also examine the possibility to introduce an eco-friendly public transport system, such as usage of electric vehicles or CNG-fueled vehicles for city buses and taxis, with universally accessible features and designs.</p> <p>With these activities, the TA will produce two outputs. One is the identification of traffic management measures and small investment projects to be initiated in the short term (2-3 years) within the affordability of the state government and with the simple implementation arrangements. The other is the preparation of pre-feasibility studies of 2-3 projects to be started in 5-10 years with the indication of financing scheme options.</p> <p>Both outputs will include the recommendation on the climate resilience measures in the proposed projects to improve the urban environment.</p>	

Project Rationale and Linkage to Country/Regional Strategy	<p>Despite the state government efforts to develop a concrete urban transport plan for Aizawl city with small scale studies by local resources, no visible progress has been seen so far. This is partly due to technical deficiency and lack of know-how to realize the recommendations, but also due to the unique geographical location. No directly applicable best practice in India can be found for this city on hilly mountainous terrains. ADB support is envisaged by the Mizoram government to bring in the international practices applicable to Aizawl. Under the TA, the Mizoram government expects ADB to propose urban transport system development projects to address the medium/long term needs. The TA is able to advise the Mizoram government on the possible financing options to implement the relatively large investment projects for Mizoram with indicative milestones which the state government should follow.</p> <p>The TA is consistent with the strategic objectives of the Country Partnership Strategy, 2013-2017, addressing two of its main thrusts, i.e. infrastructure development and environmental sustainability. The TA will support the robust infrastructure development for more rapid growth, possible attraction of private investments, increases in productivity and competitiveness, and improved access to services in Aizawl city. It will also assess the feasibility to promote the electric vehicles in Aizawl city as an option for the environmental sustainable city development.</p>
Impact	Aizawl city is equipped with safe and sustainable urban transport infrastructure.

Project Outcome

Description of Outcome	Urban development planning for urban transport in Aizawl city is improved.
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Progress Toward Outcome

Implementation Progress

Description of Project Outputs	Urban transport studies are completed
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Status of Implementation Progress (Outputs, Activities, and Issues)

Geographical Location

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design	Throughout the study, the consultations with the relevant government officials and city residents will be conducted to capture their expressed needs and the expectations for government interventions. The result will be compared with the result of traffic surveys to be conducted during the study to understand the gap. If material gaps between the survey results and the expectations shall be found, these should be sensitized through workshops to direct them to the right direction of consensus buildings.
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During Project Implementation	Throughout the study, the consultations with the relevant government officials and city residents will be conducted to capture their expressed needs and the expectations for government interventions. The result will be compared with the result of traffic surveys to be conducted during the study to understand the gap. If material gaps between the survey results and the expectations shall be found, these should be sensitized through workshops to direct them to the right direction of consensus buildings.
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Business Opportunities

Consulting Services	A consulting firm will be recruited under QCBS procedure (90:10) in accordance with ADB Guidelines on the Use of Consultants (March 2013, amended from time to time). Disbursements under the TA will be done in accordance with the ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time). A lump-sum/output-based contract will be considered for the consulting services under the TA. ADB will administer the consulting services contract.
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Procurement -

Responsible Staff

Responsible ADB Officer	Sakai, Tsuneyuki
Responsible ADB Department	South Asia Department
Responsible ADB Division	Transport and Communications Division, SARD

Timetable

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	25 Nov 2014
Last Review Mission	-
Last PDS Update	17 Mar 2016

TA 8765-IND

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
25 Nov 2014	-	25 Nov 2014	31 Mar 2016	04 May 2016	-

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
225,000.00	0.00	0.00	0.00	0.00	0.00	225,000.00	25 Nov 2014	195,250.49

Project Page	https://www.adb.org/projects/48356-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=48356-001
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