



India: Strengthening Climate Change Resilience in Urban India

Project Name	Strengthening Climate Change Resilience in Urban India	
Project Number	49106-001	
Country	India	
Project Status	Approved	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 0019-IND: Strengthening Climate Change Resilience in Urban India Urban Climate Change Resilience Trust Fund under the Urban Financing Partnership Facility US\$ 7.00 million	
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships	
Sector / Subsector	Water and other urban infrastructure and services - Water and other urban infrastructure and services	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	<p>The proposed cluster capacity development technical assistance (TA), supported on a grant basis under the Urban Climate Change Resilience Trust Fund (UCCRTF), aims to improve institutional capacities of the Government of India to identify, plan, invest in, and respond to climate change and disaster-related risks in vulnerable cities and towns across India. The key objectives of the TA are to (i) mainstream urban climate change resilience in policies, strategies, and plans at the national, state, and city levels; (ii) strengthen structural and nonstructural investments in selected cities; and (iii) build strong government institutions across the central, state, and local levels. Cities highly vulnerable to climate change will be targeted, particularly those in coastal areas and river basins.</p>	
Project Rationale and Linkage to Country/Regional Strategy	<p>The TA will provide direction to the government developing well-planned cities which are livable, sustainable, reduce greenhouse gas emissions, and resilient to climate-change-related risks. The TA builds from the country partnership strategy, 2013 -2017 for India of the Asian Development Bank (ADB), which supports (i) energy efficiency (e.g., smart grids, efficient pumps); (ii) sustainable transport systems; and (iii) efficient and sustainable water management, including advice on policy and institutional reforms. ADB's urban program focuses on expanding the coverage, quality, and continuity of inclusive basic services while embracing the principles of resilience and efficiency. The TA promotes convergence with various government flagship national missions including smart cities, new and renewable energy, make in India , clean India, housing for all, and urban transport initiatives. Considering the multifaceted demands for building resilience, the TA will provide resources to ADB's various sector teams, i.e., urban and water, energy, transport, and natural resources management.</p>	
Impact	Urban climate change resilience in selected states in India mainstreamed (defined by project)	

Project Outcome

Description of Outcome	Capacity of government to successfully implement urban climate-change-resilient projects enhanced
Progress Toward Outcome	

Implementation Progress

Description of Project Outputs	Climate change resilience in urban policies and plans mainstreamed Climate change resilience of infrastructure and project development supported Institutional capacity, community awareness, and knowledge for sustaining climate-change-resilient cities strengthened
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	The Ministry of Urban Development (MOUD) and the Department of Economic Affairs were consulted during the formulation of the TA.
During Project Implementation	<p>The MOUD is the executing agency of the TA. Its main responsibility will be to approve individual TA subprojects and monitor the overall TA implementation. A TA steering committee, chaired by MOUD, will be constituted to provide overall guidance on the TA. The steering committee will comprise senior representatives at the level of joint secretary or director, the country director at ADB's India Resident Mission, sector directors of ADB's South Asia Department (SARD) or sector specialists, and the project officer of the TA subproject. Representatives of the relevant ministries and states will be requested to join the committee as required. Ministries and states selected for TA support will be the implementing agencies for the respective TA subprojects. Implementing agencies will support TA subproject designs and day-to-day implementation, including government coordination.</p> <p>There are 4 TA subprojects totaling \$7.0 million (see below).</p> <ol style="list-style-type: none"> 1.Strengthening smart water management and urban climate change resilience in Tamil Nadu (\$1.5 million): Smart disaster management including real-time flood monitoring systems and water use efficiency in Chennai and other vulnerable ULBs. Analytical work, capacity support, training, and technical feasibility studies for project development. Support to Smart City climate-related proposals. 2. Supporting climate and disaster resilient smart urban infrastructure in West Bengal (\$1.0 million): Climate resilient urban infrastructure in identified ULBs eligible under national urban flagship programs. Analytical work, capacity support, training, project structuring, handholding, and technical feasibility studies for project development. Support to Smart City climate-related proposals 3. Supporting PPPs for Climate Friendly Smart City Projects and other support for building urban resilience in the national flagship programs (\$2.5 million): Handholding support to SPVs to develop climate friendly PPP projects under MOUD's smart city mission. Support to Smart City climate-related proposals. Analytical work, capacity support, training, and technical feasibility studies for project structuring. 4. Addressing climate change through urban transport development (\$2.0 million): Strengthen resilient and efficient inter-modal rail and bus rapid transit infrastructure. Support to Smart City climate-related transport proposals. Strategy development, training, analytical work and technical support for project development. Support for energy savings and prepare options analysis and feasibility of developing clean energy bus system combined with densification of land use and TOD.

Business Opportunities

Consulting Services	<p>Each TA subproject will require a team of international and domestic consultants to be engaged separately. Indicative cost estimates for consulting services were prepared in consultation with project officers of the TA subprojects. However, these are indicative and estimates will be finalized in consultation with the government during follow-up missions. Similarly, the requisite fields of expertise will also be finalized during follow-up missions and reflected in the individual TA subproject proposals.</p> <p>Firms (or consortia of firms) and/or individual consultants will be recruited based on the requirements of each TA subproject. Consulting firms will be engaged following the quality- and cost-based selection method, with a quality cost ratio of 90:10 using full or simplified technical proposal procedures, consultant's qualification selection, or fixed budget selection, as appropriate. Individual consultants will be selected using the individual consultant's selection method, and will be engaged to provide specialized technical and administrative inputs to fulfill ADB due diligence requirements and enhance project readiness. Recruitment of all consultants under the TA will be carried out in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). Lump-sum or output-based contracts will be considered for consulting services under the TA consistent with ADB's Midterm Review of Strategy 2020 Action Plan (actions 2.9.2 and 2.10.2) to reduce administrative burden and improve economy, efficiency, and value for money.</p>
Procurement	n/a

Responsible Staff

Responsible ADB Officer	Slangen, Ron H.
Responsible ADB Department	South Asia Department
Responsible ADB Division	Urban Development and Water Division, SARD
Executing Agencies	<i>Department of Economic Affairs Ministry of Finance Room No. 40-B North Block New Delhi-110001, India</i>

Timetable

Concept Clearance	28 May 2015
Fact Finding	25 May 2015 to 05 Jun 2015
MRM	-
Approval	04 Nov 2015
Last Review Mission	-
Last PDS Update	29 Mar 2017

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Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	7,000,000.00	1,750,000.00	0.00	0.00	0.00	8,750,000.00	-	0.00

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