



## India: Strengthening Climate Change Resilience in Urban India - Strengthening Smart Water Management and Urban Climate Change Resilience in Tamil Nadu (Subproject 1)

Project Name	Strengthening Climate Change Resilience in Urban India - Strengthening Smart Water Management and Urban Climate Change Resilience in Tamil Nadu (Subproject 1)	
Project Number	49106-002	
Country	India	
Project Status	Active	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	<b>TA 9129-IND: Strengthening Climate Change Resilience in Urban India - Strengthening Smart Water Management and Urban Climate Change Resilience in Tamil Nadu (Subproject 1)</b>	
	Urban Climate Change Resilience Trust Fund under the Urban Financing Partnership Facility	US\$ 1.50 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships	
Sector / Subsector	<b>Water and other urban infrastructure and services</b> - Water and other urban infrastructure and services	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	The Cluster Technical Assistance subproject will support the Government of Tamil Nadu in two key areas: (i) conduct an advanced basin-wide study of water-related disaster risks considering climate change in Greater Chennai City Corporation and other selected towns in Tamil Nadu, resulting in strategic and actionable recommendations to strengthen urban water management (drinking water supply, sewage collection, wastewater treatment, drainage, and water security) and flood early warning systems; and (ii) provide technical support to the Government of Tamil Nadu in the implementation of its recently launched Sustainable Water Security Mission, including identification of smart, innovative and sustainable water management projects, and support for institutional and capacity strengthening measures, some of which can be considered under an ADB investment program.	
Project Rationale and Linkage to Country/Regional Strategy	The main objective of the CDTA is to improve the understanding of water-related disaster risks (both floods and droughts) considering climate change, and to strengthen the capacity of the state and local governments to more effectively manage and respond to water-related risks. The outcome of the CDTA will be a technical study with clear and actionable recommendations to support improved water management in Chennai and other selected urban areas of Tamil Nadu, and related capacity building activities (workshops, trainings, exposure visits).	
Impact	Urban climate change resilience to water-related disasters in urban areas of Tamil Nadu mainstreamed	

### Project Outcome

Description of Outcome	Capacity of state and local governments to successfully implement urban climate change resilient projects related to water-related disaster risks enhanced.
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Progress Toward Outcome	
<b>Implementation Progress</b>	

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.
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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	The Ministry of Urban Development (MOUD) and the Department of Economic Affairs (DEA) was consulted during formulation of the TA.
During Project Implementation	The executing agency of the Cluster TA subproject is the Tamil Nadu Urban Infrastructure Financial Services, Ltd. (TNUIFSL). The consultant team is expected to work under direct guidance of ADB and TNUIFSL. A technical steering committee will be formed with relevant stakeholders including the Chennai Rivers Restoration Trust, Greater Chennai Corporation (GCC), Public Works Department (PWD), Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB), Chennai Metropolitan Development Authority (CMDA), state agencies, urban local bodies (ULBs), and local technical experts (e.g., universities and research institutes), among other key stakeholders as relevant, to review progress and recommendations. The technical steering committee will meet annually and additionally as requested by TNUIFSL. Work plans and schedules will be shared with ADB and TNUIFSL. Reports will be submitted to ADB and TNUIFSL for review. The TNUIFSL will facilitate access to government data from relevant agencies. Office space for consultants will be provided in the TNUIFSL headquarters building in Chennai, and monthly progress meetings with TNUIFSL and other invited stakeholders will be required to encourage open discussion and provide clear and regular status updates of the Cluster TA subproject. The Cluster TA subproject will be implemented from June 2016 to August 2018. MOUD is central WA. TNUIFSL is state executing agency.

## Business Opportunities

Consulting Services	The CDTA will require about 123 person-months of consulting services (44 international and 79 national). Consulting services for this assignment will be engaged and contracted by ADB. A team of consultants will be recruited under one package using the quality- and cost-based method of selection with a standard quality-cost ratio of 90:10 considering the highly technical and specialized expertise required for the work. International consulting firms can form associations with national consulting firm(s). All consultants will be recruited in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). A full technical proposal will be used for the selection of a firm.
Procurement	Not applicable

## 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>Tamil Nadu Urban Infrastructure Financial Services Ltd. #19, T.P Scheme Road, Raja Annamalai Puram Chennai - 600028, India</i>

## Timetable

Concept Clearance	-
Fact Finding	01 Jul 2016 to 08 Jul 2016
MRM	-
Approval	04 Jul 2016
Last Review Mission	-

**TA 9129-IND**

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
04 Jul 2016	03 Oct 2016	03 Oct 2016	30 Sep 2018	-	-

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	1,500,000.00	0.00	0.00	0.00	0.00	1,500,000.00	04 Jul 2016	0.00

Project Page <https://www.adb.org/projects/49106-002/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=49106-002>

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