



India: Karnataka Integrated and Sustainable Water Resources Management Investment Program - Tranche 2

Project Name	Karnataka Integrated and Sustainable Water Resources Management Investment Program - Tranche 2		
Project Number	43253-026		
Country	India		
Project Status	Proposed		
Project Type / Modality of Assistance	Loan		
Source of Funding / Amount	Loan: Karnataka Integrated and Sustainable Water Resources Management Investment Program Tranche 2		
	Ordinary capital resources		US\$ 91.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth		
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships		
Sector / Subsector	Agriculture, natural resources and rural development - Irrigation - Rural water policy, institutional and capacity development - Water-based natural resources management		
Gender Equity and Mainstreaming	Effective gender mainstreaming		
Description	The investment program will improve water availability in selected river basins in Karnataka by implementing integrated water resources management (IWRM). Output 1 of Project 2 will: (i) prepare the middle Krishna Basin Plan; (ii) expand the state water resources information system; and (iii) continue strengthening WRD staff with IWRM training. Output 2 will modernize the Vijayanagara Channels subproject to: (i) reduce irrigation water consumption; and (ii) improve water delivery service to allow farmers to increase cropping intensities. Under Output 2, the project will also establish and strengthen 30 water user cooperative societies and provide gender sensitization training to WRD staff and WUCS.		
Project Rationale and Linkage to Country/Regional Strategy			
Impact	(i) Sustainable water security in selected river basins in Karnataka improved; and (ii) Water use efficiency in irrigated agriculture improved		
Outcome	IWRM successfully implemented in selected river basins in Karnataka		
Outputs	State and basin institutions for integrated water resources management strengthened VNC irrigation system infrastructure and management modernized Program management systems operational		
Geographical Location	Karnataka		
Safeguard Categories			
Environment			A
Involuntary Resettlement			C
Indigenous Peoples			C
Summary of Environmental and Social Aspects			
Environmental Aspects	The project is classified category A for environmental impact in accordance with the SPS. The category A classification is triggered for two reasons. First, works will be undertaken within the Tungabhadra Otter Conservation Reserve, which is considered a critical habitat. Secondly, ADB's environmental safeguards policy principle no. 11 is triggered by the rehabilitation of several canals within the Hampi World Heritage Area.		
Involuntary Resettlement	The project will avoid involuntary resettlement impacts on both titled and non-title holders (squatters and encroachers) residing in the project area.		
Indigenous Peoples	The SPS indigenous peoples safeguard is not triggered even though project screening confirms the presence of different ethnic groups in the project footprint.		
Stakeholder Communication, Participation, and Consultation			
During Project Design			
During Project Implementation			
Business Opportunities			

Consulting Services	The Program Support Consultant (Tranche 1) will initially continue to support the PMU and PIO in implementing Project 2 through a contract amendment while the Program Support Consultant (Tranche 2) is recruited. International and national consultants will be recruited to support output 1 on institutional strengthening for integrated water resources management.
Procurement	The government requested that the procurement of goods and works follow ADB's Procurement Policy (2017, as amended from time to time). An updated procurement capacity assessment concluded that the overall procurement risk for the project is moderate. The first of two works packages under Tranche 2 was awarded on 8 March 2019. The bidding document for the second works package is being finalized.

Responsible ADB Officer	Lance Gore
Responsible ADB Department	South Asia Department
Responsible ADB Division	Environment, Natural Resources & Agriculture Division, SARD
Executing Agencies	Advanced Centre for Integrated Water Resources Management First Floor, KSFC Bhavan, No. 1/1, Thimmaiah Road, Bangalore-560 052 Karnataka, India Karnataka Neeravari Nigam Limited 4th Floor, Coffee Board Building, No. 1, Dr. B R. Ambedkar Beedhi, Bangalore, Karnataka, India

Timetable	
Concept Clearance	-
Fact Finding	-
MRM	12 Jul 2019
Approval	-
Last Review Mission	-
Last PDS Update	18 Sep 2019

Project Page	https://www.adb.org/projects/43253-026/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=43253-026
Date Generated	20 September 2019

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