ADB

Nepal: Bagmati River Basin Improvement Project -Additional Financing

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Project / Modeling of Solution of Enrolling / Annual River Basin Improvement - Additional Financing concessional ordinary capital resources (serding / Asin Development Fund use) Use: Bagmati River Basin Improvement - Additional Financing concessional ordinary capital resources (serding / Asin Development Fund use) Use 30.00 million 7.2	Project Status	Proposed	
Source of Funding / Amount	Project Type / Modality of Assistance	Loan Technical Assistance	
concessional ordinary capital resources lending / Asian Development Fund US\$ 63.00 million Tr. Capacity Building of the Baymati Niver Basin Water Management Institutions US\$ 600.000 Strategic Agendas Environmentally strataliable growth incluues expected pack development US\$ 600.000 Strategic Agendas Revironmentally strataliable growth incluues expected and ther unana Instituture and expected evelopment. US\$ 600.000 Strategic Agendas Revironmentally stratalinable growth incluues expected and ther unana Instituture and expected. Ther unana envices. Herowation and protection of cultural herbity- twins newerage Gender Equity and Mainstreaming Heretve gender mainstreaming Description The Baymati River Basin improvement. Project (current project) will improve river health and flood management in the DBR. The additional finanistreaming is required to expect the concert project, will improve streem project, the performangement institutions, or expection of a watterwater treatment plant the BBR has improvement. Project (current project, will improve streem project, the performance of the streem streem project, the performance of the streem streem project. There additional mainstreem project is projection of the streem streem streem project. There additional mainstreem streem streem project, there additional mainstreem project. There additional mainstreem streem streem streem streem streem streem project. There additional mainstreem streem streem project. There additional mainstreem streem st	Source of Funding / Amount	Loan: Bagmati River Basin Improvement - Additional Financing	
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include Assistance Special Fund US \$600.0000 Strategic Agendas Environmentally sustainable growth include economic growth concerned and capacity development. Strategic Agendas Governance and capacity development. Strategic Agendas Berlerichter Austrate and steprity development. Strate Governance and capacity development. Strate and other unbain inforstructure and services - Other urban services - Renovation and protection of cultural heritage: Urban severage of culture specific and urban information of the protection of where management in the BBIS. The additional framericip is required to exploid the current project, including (in consolication of where management in the BBIS. The additional framericip is required to exploid the current project, including (in consolication of where management in the BBIS. The additional framericip is required to exploid the current project, including (in consolication of where management in the BBIS. The additional framericip is required to exploid the current project, including (in consolication of where management in the BBIS. The additional framericip is required to exploid the current project, including (in consolication of where management in the layer stain, why hypopower generation in the urper additional distains, and provide most of the current project, including and consolication of where management in the layer stain, why hypopower generation in the urper additional distains, and provide most of the current project, including and consolication of the current project, including and the curent project, includication additi		TA: Capacity Building of the Bagmati River Basin Water Management Institutions	
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Project Rationale and Linkager The BRB has important cultural and encomic value for the people of Vegal. The Water of the Bagmati River is considered holy and is used for administrative and economic center of the country, and Nepal's gateway for touries. The river provides most of the city's drinking water in its upper basin, with hydropower generation in the upper and middle basins, and large-scale (Irrigation in the Iower basin. The BRB is considered the most water-stressed river basin in Nepal. Kathmadu (Utty's rapid and upplanned expansion has placed tremendous pressure on the upper river system. In the absence of appropriate solid wate and watsevater management, the river has bottom encoming, encompany with high fecal contamination, a heavy solid wate load, and physicochemical polltants. River pollutants, River pollutants is or the score and upper severy with high fecal contamination, a heavy solid wate load, and physicochemical polltants. River pollutants is nuclead the urrent project, tivil society organizations were established and have become active stakeholders in the protection of sections of the upper Bagmati River in NetaRiMaram Or difficultations were established and have become active stakeholders in the protection of sections of the upper Bagmati River in NetaRiMandu Valley. The organizations were established and have significant tive activates activate autore activate stakeholders in the protection of sections of the upper Bagmati River in NetaRiMandu Valley. The organizations were established and have significant tive stresses including estoring and upper Bagmati River pollutants. River pollutants. River pollutants River pollutants River pollutants River pollutants activates activate autore activate stakeholders in the protection of sections of the upper Bagmati River in the statimation and upper Bagmati River in the statimation and upper Bagmati River in the upper Bag	Description	The Bagmati River Basin Improvement Project (current project) will improve river health and flood management in the BRB. The ad financing is required to expand the current project, including (i) consolidation of water management institutions; (ii) expansion of r beautification works; (iii) mobilization of the riverine community; and (iv) the design, building, and operation of a wastewater treater (WWTP). The additional financing is also required to cover the cost overruns to the current project, the performance of which is on	ditional iverbank ment plant track.
Impact A clean, green, and healthy Bagmati River system that is full of life and valued by all (Bagmati Integrated River Basin Development and Management Plan 2018 - 2038) Outcome River health and flood management improved Outputs Systems and capacity for integrated and participatory river basin management established River bank environment in urban areas improved Water availability in the basin during dry season increased and watershed conservation improved Functioning flood forecasting and early warning system for the Bagmati River Basin utilized Geographical Location Bagmati River, Tukucha Safeguard Categories S Environment B Involuntary Resettlement B Indigenous Peoples C Summary of Environmental and Social Aspects S Environment and Social Aspects S	Project Rationale and Linkage to Country/Regional Strategy	The BRB has important cultural and economic value for the people of Nepal. The water of the Bagmati River is considered holy and cultural and ritual ceremonies practiced at the many significant riverbank temples. The river flows through Kathmandu Valley, whi administrative and economic center of the country, and Nepal's gateway for tourism. The river provides most of the city's drinking upper basin, with hydropower generation in the upper and middle basins, and large-scale irrigation in the lower basin. The BRB is considered the most water-stressed river basin in Nepal. Kathmandu City''s rapid and unplanned expansion has placed pressure on the upper river system. In the absence of appropriate solid waste and wastewater management, the river has become with high fecal contamination, a heavy solid waste load, and physicochemical pollutants. River pollution is further aggravated in th when 80% of the river flow is withdrawn for drinking purposes. The condition of the riverbanks has been increasingly degraded by dumping, encroachment, and uncoordinated works by various government departments. The physical deterioration of the riverine has created a public health hazard, as well as the loss of cultural and recreational amenities for urban communities. Under the current project, civil society organizations were established and have become active stakeholders in the protection of se upper Bagmati River in the Kathmandu Valley. The organizations need to be further strengthened, and their activities extended to of the river. Beautification works have used nature-based solutions, which have renewed residents' appreciation of the Bagmati Riv works cover only about half of the urban area. Expanding their scope to include other culturally significant river stretches, including riverine heritage buildings, would significantly increase the current project's impact. These historic buildings, which were severely during the 2015 earthquakes, are closely related to the river and have significant cultural importance	is used for th is the water in its tremendous an open sewer e dry season solid waste environment ections of the other stretches ver, but these g restoring damaged ver water sases of water the main river communities
Outcome River health and flood management improved Outputs Systems and capacity for integrated and participatory river basin management established Riverbank environment in urban areas improved Water availability in the basin during dry season increased and watershed conservation improved Functioning flood forecasting and early warning system for the Bagmati River Basin utilized Geographical Location Bagmati River, Tukucha Safeguard Categories	Impact	A clean, green, and healthy Bagmati River system that is full of life and valued by all (Bagmati Integrated River Basin Development Management Plan 2018 -2038)	: and
Outputs Systems and capacity for integrated and participatory river basin management established Riverbank environment in urban areas improved Water availability in the basin during dry season increased and watershed conservation improved Functioning flood forecasting and early warning system for the Bagmati River Basin utilized Geographical Location Bagmati River, Tukucha Safeguard Categories B Environment B Involuntary Resettlement B Indigenous Peoples C Summary of Environmental Aspects C Environmental Aspects Involuntary Resettlement	Outcome	River health and flood management improved	
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Involuntary Resettlement B Indigenous Peoples C Summary of Environmental and Social Aspects	Environment	В	
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Environmental Aspects Involuntary Resettlement	Summary of Environmental and	d Social Aspects	
Involuntary Resettlement	Environmental Aspects		
	Involuntary Resettlement		

Stakeholder Communication, Participation, and Consultation		
During Project Design		
During Project Implementation		
Business Opportunities		
Consulting Services	The recruitment of consultants will follow the ADB Procurement Policy (2017, as amended from time to time) and Procurement Regulations for ADB Borrowers (2017, as amended from time to time).	

Procurement The procurement of goods and works ill follow the ADB Procurement Policy (2017, as amended from time to time) and Procurement Regulations for ADB Borrowers (2017, as amended from time to time).

Responsible ADB Officer	Arnaud M. Cauchois
Responsible ADB Department	South Asia Department
Responsible ADB Division	Environment, Natural Resources & Agriculture Division, SARD
Executing Agencies	Ministry of Urban Development Singhadurbar, Kathmandu, Nepal

Timetable	
Concept Clearance	31 Oct 2013
Fact Finding	19 Jun 2018 to 05 Jul 2018
MRM	17 May 2019
Approval	·
Last Review Mission	•
Last PDS Update	20 Aug 2019

Project Page	https://www.adb.org/projects/43448-014/main	
Request for Information	http://www.adb.org/forms/request-information-form?subject=43448-014	
Date Generated	23 August 2019	

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