

 Early Warning System

ADB-57150-001

Nagmati Environment and Water Project



## Quick Facts

<b>Countries</b>	Nepal
<b>Financial Institutions</b>	Asian Development Bank (ADB)
<b>Status</b>	Proposed
<b>Bank Risk Rating</b>	U
<b>Sectors</b>	Agriculture and Forestry, Climate and Environment
<b>Investment Type(s)</b>	Loan
<b>Investment Amount (USD)</b>	\$ 110.75 million



## Project Description

The project is aligned with ADB's Strategy 2030 operational focus on tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability, and contributing to making cities more livable. The project is part of ADB's broader integrated strategy to address Kathmandu valley's water security and urban environment restoration.

### PROJECT RATIONALE AND LINKAGE TO COUNTRY/REGIONAL STRATEGY

The Kathmandu Valley, home to over 3.5 million people, is the economic center of Nepal and has been growing rapidly over the past two decades. Between 2001 and 2021, the population of the three districts within the valley Kathmandu, Lalitpur, and Bhaktapur grew by 84%, compared to the national growth of 26%. This has put tremendous pressure on the water resources of the valley. The inter-basin Melamchi water supply scheme financed by ADB, is the main source of domestic water for the valley. It currently supplies 170 million liters per day (mld) and the expansion of the system to draw water from the Larke and Yangri rivers in the second phase, will eventually supply a total of 510 mld, which is lower than the projected demand by 2050. The current deficit is being met by abstraction of surface water from the Bagmati and its tributaries, and groundwater. In the dry season, almost all of the water is currently abstracted from the Bagmati River above Sundarijal (the base of the northern hills). This has severely impacted the environmental flow of the Bagmati River, resulting in a biologically dead river downstream, where the river holds high religious and cultural significance to the citizens of the valley and pilgrims who visit the world heritage site of Pashupati Temple.

### IMPACT

A clean, green, and healthy Bagmati River system that is full of life and valued by all, restored (Preparation of Bagmati Action Plan).

### OUTCOME

Environmental water security and quality in the Bagmati River Basin improved.



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## Investment Description

- Asian Development Bank (ADB)



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## Contact Information

**Responsible ADB Officer: L'Hostis, Marie**

**Responsible ADB Department: Sectors Department 2**

**Responsible ADB Division: Agriculture, Food, Nature, and Rural Development Sector Office (SD2-AFNR)**

**Executing Agencies: Ministry of Energy, Water Resources and Irrigation**

## ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.adb.org/forms/request-information-form>

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: <https://www.adb.org/site/disclosure/appeals>

## ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: <http://www.adb.org/site/accountability-mechanism/main>.