

 Early Warning System

ADB-48098-002

Balochistan Water Resources Development Project



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## Quick Facts

<b>Countries</b>	Pakistan
<b>Financial Institutions</b>	Asian Development Bank (ADB)
<b>Status</b>	Proposed
<b>Bank Risk Rating</b>	B
<b>Sectors</b>	Agriculture and Forestry, Infrastructure, Water and Sanitation
<b>Investment Type(s)</b>	Loan
<b>Investment Amount (USD)</b>	\$ 100.00 million



## Project Description

### DESCRIPTION

The proposed Balochistan Water Resources Development Project is located across six districts in Balochistan in the Zhob, Kacchi plain, Dasht and Hingol river basins. The project will improve land and water resources, agricultural production and farm income of 10,000 rural households by (i) bringing 10,000 ha of new land under cultivation; (ii) improving 20,000 ha of irrigated land; and (iii) protecting 1,500 ha of watersheds. The project will (a) construct new small dams and flood irrigation (spate) systems; (b) improve 300 km of canals, drains, and karezes (subsurface water channels); (c) develop a satellite-based water information system; and (d) build capacity of the local communities, the Irrigation and Power Department (IPD), and the Agriculture and Cooperative Department (ACD).

The project impact will be the increased farm income in the project area. The project outcome will be the increased agricultural production. The project outputs will be (i) improved land and water resource management; (ii) participating communities have better access to water for domestic uses; and (iii) improved capacity of the communities, IPD, and ACD in water management.

The main project components include works (\$92 million), capacity building (\$12 million), and project management (\$11 million).

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

Pakistan has to increase food production by 40-50% to meet the needs of a projected population of 221 million by 2025. ADB's interim country partnership strategy (2014-2015) emphasizes revitalizing agriculture for food security and poverty alleviation. ADB's midterm review of Strategy 2020 recognizes infrastructure and agriculture as the main focus area and proposes a 10-point program on ADB strategic directions in 2014-2020. The country assistance program evaluation, 2002-2012 assessed Pakistan's agriculture and natural resource sector less than successful, but it evaluated the program relevant in terms of its alignment with government and ADB strategies, and satisfactory for its strategic positioning. The evaluation is viewed as appropriate in ADB's commitment to support Pakistan in responding to the need to rehabilitate and expand the irrigation system.

Of the 13 million Balochistan population, over 70% live in rural areas and depend on agriculture for their livelihood. Agriculture accounts about two-third of the provincial domestic product, 60% of the labor force, and supports several industries by providing raw materials. However, the agricultural sector suffers from water shortage, frequent drought, and poor agricultural practices, which expose the rural communities to high vulnerability especially women and children who suffer from inadequate domestic water supply. The Balochistan Poverty Reduction Strategy Paper emphasizes the need to expand cropped area, rehabilitate agricultural infrastructure, and reduce vulnerability to drought.

Balochistan's water resources comprise groundwater (4%), water share from Indus Basin (39%), and floodwater (57%). The groundwater is over-exploited and requires a comprehensive reassessment. Balochistan's Indus water share remains underutilized and needs appropriate policy for optimum benefits. Floodwater has further development potential with only 40% of the floodwater resources being utilized and 60% flowing down to the sea. The perennial irrigation (including canals and drains) is seriously deteriorated and requires rehabilitation.

The Balochistan Comprehensive Development Strategy (2013-2020) identifies gaps, sets priorities and associated plans to improve key sectors including agriculture and water resources. The BCDS recognizes (i) increasing water supply and reducing the demand gap, (ii) water logging and salinity, (iii) low irrigation efficiencies, (iv) groundwater mining, (v) neglected spate irrigation farming, and (vi) seawater intrusion in the coastal areas as the main agricultural development constraint. The strategy emphasizes (i) basin water management, (ii) promoting high water use efficiency, (iii) strengthening water



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## Investment Description

- Asian Development Bank (ADB)

Loan: Balochistan Water Resources Project

Ordinary capital resources US\$ 100.00 million



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## Contact Information

### 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>

### CONTACTS

Responsible ADB Officer Sato, Noriko

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Responsible ADB Division Environment, Natural Resources & Agriculture Division, CWRD

Executing Agencies

Irrigation Department, Government of Balochistan

Government of Balochistan

Quetta, Balochistan, Pakistan



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## Bank Documents

- [Balochistan Water Resources Development Project: Initial Poverty and Social Analysis](#) [Original Source]
- [Balochistan Water Resources Development Project: Project Data Sheet \(Urdu Translation\)](#) [Original Source]
- [Project Disclosure PDF](#)



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**Other Related Projects**

- ADB-48098-001 Balochistan Water Resources Development Project