



## China, People's Republic of: Guangxi Hezhou Mountain Mining Areas Vitalization Project

Project Name	Guangxi Hezhou Mountain Mining Areas Vitalization Project
Project Number	51384-002
Country	China, People's Republic of
Project Status	Proposed
Project Type / Modality of Assistance	Technical Assistance
Source of Funding / Amount	<b>TA: Guangxi Hezhou Mountain Mining Areas Vitalization Project</b> Technical Assistance Special Fund US\$ 400,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth
Drivers of Change	Governance and capacity development
Sector / Subsector	<b>Agriculture, natural resources and rural development</b> - Agricultural production <b>Water and other urban infrastructure and services</b> - Other urban services
Gender Equity and Mainstreaming	Some gender elements
Description	The Project will allow ecological rehabilitation of abandoned mountain mining areas, restoration of former mining land to operational farmland, regeneration of urban areas and villages, stimulation of lagging economies in selected mining-affected areas, and promotion of green-mining. The Project outcome will be environment, livability, and livelihood in Hezhou-Kedashan mountain mining areas restored; and the Project will be aligned with the following impact: abandoned mountain mining areas in Guangxi Province revitalized.
Project Rationale and Linkage to Country/Regional Strategy	After sustained exploitation, by intensive mining, Hezhou-Kedashan has seen severe ecological damage. While significant mining operations ceased by the early-1990s, legacy issues have remained and worsened due to the areas abandoned' status. The rural environment and the urban built-infrastructure of the Hezhou-Kedashan mountain mining area has suffered land degradation and soil erosion, associated deforestation and loss of vegetation, the blighting or outright loss of traditional farmland, surface water and ground water contamination, flooding along the Hejiang River and its tributaries, and an overall lack of urban and rural infrastructure. The statutory authority responsible for maintaining and managing these mining areas was an enterprise which was declared bankrupt in 2002. Since that time little has been done to manage the lands, nor mitigate ongoing damage. The Hezhou-Kedashan mountain mining area is one of the largest such blighted and abandoned areas. The void created by any active management to contain further deterioration of the land, and the absence of any meaningful program of reclamation coupled with illegal mining activities have exacerbated the poor condition of the area's natural resources. In Hezhou, most mining sites were not properly closed and restored leaving a legacy of heavy metals, contaminated slag, sediments, and toxic water. During rainy season, contaminated runoff can flow into the Hejiang River. This is a threat to water resources in downstream cities and rural residents along the Pearl River, along which there are many major cities such as Guangzhou, Foshan, Macao, and others, with a combined population of over approximately 57 million, and this area accounts for about 12% of PRC's economic output. In July 2013, Hejiang River was heavily contaminated by runoff from these abandoned mining sites. The concentrations of Thallium and Cadmium in the upstream reaches of the Pearl River were 2.14 times and 6.6 times higher than the water quality standards, respectively. The accident caused water supply intakes to shut-down for 15 days in many cities of Guangdong Province along the Pearl River. This major water pollution incident still resonates today. Hezhou mining sites have been therefore under scrutiny and HMG is required to commence ecological restoration of mining sites in 2018. Linked with this, large areas of abandoned mining sites, which used to be farmland, have been planned for full restoration back to farming function. To align with new guidelines in PRC on rural revitalization, key elements of the Project will focus on: demonstrating the remediation of large-scale abandoned mountain mining sites and restoration to farmland; the regeneration of urban and rural areas to improve the built-environment and drive livelihood opportunities; and the application of best practice to promote sustainable land and water management.
Impact	
Outcome	
Outputs	

Geographical Location    Hezhou Shi

### Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

### Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

### Business Opportunities

Consulting Services    The TA will require 30 person-months of consulting inputs from 7 international experts (10 person-months) and 8 national experts (20 person-months). ADB will select and engage a consulting firm using quality- and cost-based selection method, with 90:10 quality cost ratio and full technical proposal procedure. Individual consultants will be selected using the individual consultant's selection method and will be engaged to provide specialized technical and administrative inputs to fulfill ADB due diligence requirements and enhance project readiness. Contingencies may be allocated to recruit additional experts based on needs that will emerge during TA implementation. ADB will engage the consultants following the ADB's Procurement Policy (2017, as amended from time to time).

Responsible ADB Officer    Sasaki, Shotaro

Responsible ADB Department    East Asia Department

Responsible ADB Division    Urban and Social Sectors Division, EARD

Executing Agencies    *Hezhou Municipal People's Government  
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### Timetable

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	-
Last Review Mission	-
Last PDS Update	21 Sep 2018

Project Page    <https://www.adb.org/projects/51384-002/main>

Request for Information    <http://www.adb.org/forms/request-information-form?subject=51384-002>

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