Early Warning System

ADB-42019-013

Mountain Railway Safety Enhancement Project

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Quick Facts

Countries	China
Specific Location	Chengdu, Kunming
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	C
Voting Date	2017-08-25
Borrower	Government of People's Republic of China
Sectors	Transport
Investment Type(s)	Loan
Investment Amount (USD)	$ 180.00 million
Project Cost (USD)	$ 860.00 million

Project Description

The proposed project will improve railway safety by installing advanced railway signaling equipment, communication, power supply, and tunnel monitoring systems on the E'Mei Miyi section of the Chengdu Kunming railway line in southwestern People's Republic of China (PRC). It will also enhance institutional capacity to manage railway safety.

Output 1: Railway signaling, communication, and power supply system developed. This will include signaling and communication equipment to improve train operation safety, such as centralized train dispatching and monitoring, automatic block signaling, interlocking devices, and train control systems. This will also cover procurement of electric power supply, and bridge bearings for the safety of railway bridges.

Output 2: Tunnel safety operation and monitoring system installed. This will comprise tunnel equipment to enhance safety. The equipment will cover lighting, ventilation, firefighting and fire control systems, and emergency rescue and disaster management systems.

Output 3: Institutional capacity for railway safety management enhanced. This will help build the capacity for railway safety measures and technology. Working with the executing agency, the design institutes, and the railway administrations, the existing institutional arrangements for integrating safety measures in railway management will be reviewed, and recommendations made to make these more strategic and focused. Staff from pertinent government agencies will receive training on railway safety, disaster prevention, and emergency tunnel rescue operations to better equip them to handle rescue efforts in the event of a tunnel accident. About 100 staff from executing and implementing agencies will be trained, and technical exchanges on advanced technologies and new maintenance techniques will be organized to familiarize staff in these areas

Investment Description

- Asian Development Bank (ADB)

Government US$ 430 million
Domestic commercial bank loans US$ 250 million

Contact Information

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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

Bank Documents

- Mountain Railway Safety Enhancement Project: Environmental Due Diligence Report [Original Source]
- Project Disclosure PDF [Original Source]
- Ti Sheng Tie Lu An Quan Xing Xiang Mu (Yuan E Mei --Mi Yi Ci Qu Yu Tie Lu Xian Xiang Mu): Xiang Mu [Original Source]

Other Related Projects

- ADB-42019-014 Multimodal Passenger Hub and Railway Maintenance Project