

 Early Warning System

ADB-50010-002

Shandong Spring City Green Modern Trolley Bus Demonstration Project



Quick Facts

Countries	China
Specific Location	Jinan, Shandong
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	B
Voting Date	2017-10-23
Borrower	Government of People's Republic of China
Sectors	Transport
Investment Type(s)	Loan
Investment Amount (USD)	\$ 150.00 million
Project Cost (USD)	\$ 422.00 million



Project Description

The proposed project aims to improve the urban transport environment in Jinan, Shandong province by reducing emissions and congestion in the city through the development of a modern trolley bus network. It will be developed and designed through a project preparatory technical assistance (PPTA) in order to verify the technical, financial, economic, social and environmental viability of the project and develop sustainable urban mobility strategies for the city, to be implemented together with the trolley bus system. The outcome of the project will be enhanced sustainable urban mobility with integrated public transport services and a zero emission trolleybus network.

The PPTA will (i) prepare technical preliminary design of trolley bus infrastructure, trolley bus standard recommendation, trolley bus lane and stations, and trolley bus depots; (ii) conduct cost and benefit analysis, and financial analysis of the trolley bus system development and operation based on travel demand forecast; (iii) conduct a financial management assessment of the EA and IA; (iv) conduct safeguards assessments; (v) conduct emission reduction and impact analysis on health; and (vi) conduct sustainable urban mobility assessment and strategy preparation. The project will adopt a model-based approach for travel demand forecast, emission estimations, environment impact estimations and benefit estimations.



Investment Description

Government US\$ 272 million

- Asian Development Bank (ADB)



Contact Information

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Bank Documents

- [Project Disclosure PDF](#) [Original Source]
- [Shan Dong Quan Cheng Lu Se Xian Dai Wu Gui Dian Che Shi Fan Xiang Mu : Xiang Mu Shu Ju Biao](#) [Original Source]
- [Shandong Spring City Green Modern Trolley Bus Demonstration Project: Draft Resettlement Plan](#) [Original Source]
- [Shandong Spring City Green Modern Trolley Bus Demonstration Project: Initial Environmental Examinati](#) [Original Source]
- [Shandong Spring City Green Modern Trolley Bus Demonstration Project: Initial Environmental Examinati](#) [Original Source]