

SHANDONG SPRING CITY SUSTAINABLE URBAN MOBILITY DEVELOPMENT

Country: China City: JINAN		Status: COMPLETED Application approved: June 15, 2016	Key Sector(s): TRANSPORTATION		
PROONENTS			Geography and Population		
Jinan City Shandong province, China P.R		Jinan Municipal People's Government Xuan Shengwu and Wang Huiying, Jinan Transport Bureau NO.1 Jiefang East Road, lixia district, Jinan, Shandong Phone: (+86) 0531-62356060 Email: jnjtjgh@163.com	Area: 8,000.79 km² Population: 3,655,400 <p>Jinan is the capital of Shandong Province in Eastern China. It holds the sub-provincial administrative status. Located in the central part of Shandong Province, the city occupies a transition zone between the northern foothills of the Taishan Massif to the south of the city and the valley of the Yellow River to the north.</p>		
Central State Partner Finance Department of Shandong province, Development and Reform committee of Shandong Province		Other Partners			
KEY CITY DEVELOPMENT ISSUES					
As the city is typical belt shape urban formation, the demand for long distance travel boosted the rapid increasing of private car usage. As the city has many natural springs in the central urban area, metro system has not been an easy option. In the late years Jinan city is recorded as one of the heavily congested and polluted city in the China according to national statistics of air quality index and congestion index. The city needs better quality of public transport and travel demand management measures to increase its competitiveness and the quality of urban environment and quality of life for local citizens.					
DETAILS OF COOPERATION					
CDIA supported ADB in the project preparation at early stage on the technical activities which include:					
<ul style="list-style-type: none"> - Review and verification of overall urban public transportation system to ensure the trolley bus system is well integrated in the whole system and the efficient interchange between different transport modes. - Verify the travel demand to ensure the proposed trolley bus system, routes and stations, are correctively planned. - Develop city wide trolley bus network that includes the renovation of existing trolley bus network, trolleybus system design and operational plan; trolleybus related IT systems plan; and trolleybus station design - Develop the urban transport demand management measures including parking policy, traffic restraint measures, voluntary TDM measures, and other financial TDM measures. - Support ADB PPTA team to ensure smooth transaction of the 					
EXPECTED DEVELOPMENTAL IMPACTS					
The modern trolleybus network is a zero-emission transit system that will provide high-quality service for over 4 million populations. It will bring tremendous positive impact to the service quality that matches a more diverse demand of elderly care. The trolleybus network will also become a viable path to fighting against air pollution in Jinan, protecting the city's distinctive ecological environment and historical culture effectively.					
PROJECT PERIOD		JULY 2016 – NOV 2016 (phase I) JAN 2017-MAY 2017 (phase II)		EXPECTED INVESTMENT FOLLOW UP	
CDIA SUPPORT		350,000 US\$ (phase I) 70,000 USD (phase II)		Est. infrastructure investment value	
CITY CONTRIBUTION		70,000 US\$ (in kind)		150 mil US\$	
			Potential sources of financing		
			ADB		

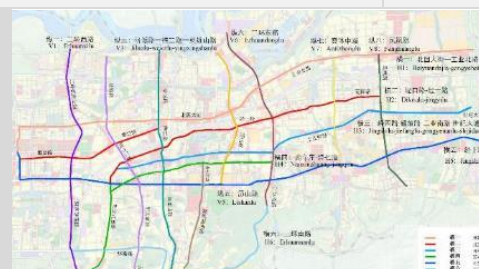


Source of Maps: Wikipedia.org

Intervention Areas



The City View of Jinan



trolleybus corridor plan to year 2030