

Tianjin Urban Transport Improvement Project

Green Bond Criteria: Mitigation

Purpose: To leverage the existing metro system and to promote walking and biking in the urban core, in order to make transport greener and safer.

Expected Results (include): Cumulatively by FY20:

- 85,000 new metro users.
- 50 km of roads rehabilitated, 111 metro stations improved and 5 new bus terminals completed.
- 6,500 tones of CO₂ emissions reduced.

IBRD Financing: \$100 million



Country Challenge

Urbanization and urban sprawl in China have been accompanied by changes in the overall travel patterns of urban residents. Cities have rapidly spread as a result of increased real estate costs, incentives for cities to convert rural land in peri-urban areas to urban land, and improved road infrastructure.

As motorization has led to more traffic congestion, air pollution and road accidents, the Government of China and many cities are shifting in their urban transport investments towards public transport, walking and biking.

Project Goals

A number of transformational ideas will be pursued under the project. Those include using a cost-efficient mass transit system like a BRT in Tianjin, leveraging the existing metro system through better last mile accessibility, improving safety of access roads to the mass transit system, applying transit oriented development and land value capture concepts around selected stations and rolling out pilot public bike sharing (PBS).

For more information:

<http://www.worldbank.org/projects/P148129/?lang=en&tab=overview>

<http://www.worldbank.org/en/news/press-release/2015/12/21/china-faster-greener-and-safer-urban-transport-for-residents-in-tianjin-and-urumqi>