

## 3 China

### Beijing Subway Construction Project Phase 1(I) (II), Phase 2 (I) –(IV)



Inside of Line 1 subway car

#### Outline of Loan Agreement

Loan Amount / Disbursed Amount	19,678 million yen / 19,184 million yen
Loan Agreement	August 1988 - January 1995
Terms & Conditions	Interest rate 2.5%/2.6% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	August 1995 - May 2001

#### Project Outline

A subway was constructed with the aim of alleviating the congestion of road traffic on Chang'an Street, the heavily congested main street of Beijing.

#### Results and Evaluation

Through this project, the subway construction of a section of the Line 1, approximately 13km (including 11 stations), and the procurement of 174 subway cars were implemented. Since 2000, when the project section was fully opened, 432 trains have operated per day at intervals of 3 minutes during peak hours. The number of passenger on the project section is at present estimated to be more than half of the total on Line 1 (approximately 160 million people). Although there is a gap between the initial estimate (588 million people two years after the opening of the whole section) and actual result, peak hour congestion rate is approximately 80%, and certain socioeconomic effects have been acknowledged such as alleviation of potential traffic congestion by transferring the road traffic to the subway and time-saving effect etc. Moreover, the satisfaction levels of passenger are also high in a questionnaire survey results. However, the traffic congestion on Chang'an Street are continuing even today due to factors such as, the number of automobiles rapidly increasing and public transport remaining heavily reliant on bus services. It is believed that issues over management and maintenance of equipment of the Beijing subway do not exist, and Japan's Teito Rapid Transit Authority is also cooperating in staff training. However, from the aspect of finance, large losses have been recorded every year, and as deficits have been made up for by government subsidies, the improvement in profitability is an issue.