

Introduction to Public Transport Service and Operations Planning

Purpose and Objectives:

The two to three day “Introduction to Public Transport Service and Operations Planning” (IPTSOP) course, developed with support from the Public Private Infrastructure Assistance Facility, PPIAF, and the World Bank, presents a basic overview of public transport with emphasis on public transport reform and service and operations planning. It provides a fundamental understanding of PT concepts and terminology, service planning, operations, management and institutional/organizational arrangements.

Audience:

The intended audience is program officers from senior levels of government (central government, state, provincial) and local government middle managers from transport organizations who have been assigned public transport duties, but have little or no prior knowledge or experience. Most have general public administration, economics, finance and/or civil (e.g. highway) engineering background and have joined organizations with public transport funding, regulation/oversight and/or management responsibilities.

Content and Approach:

The course is presented through a series of lectures, case studies and hands-on workshops. It includes sessions devoted to public transport reform, public transport characteristics and terminology, data collection, performance measurement and standards, service analysis and planning, fare policy development and fare collection, cost estimation, scheduling and market analysis/demand and revenue estimation. Each offering reflects the reality of is the real developing world city or cities (e.g., Bogota and Pereira, Colombia, Bangalore) in the country where it is being offered.

The course is a compliment to the World Bank’s “Urban Bus Toolkit.” The Urban Bus Toolkit, also developed with PPIAF support, is an interactive software package that helps users identify and analyze market-based approaches to improving the efficiency and effectiveness of urban public (bus) transport in the context of a specific developing or transitional economy city.

Typical offerings include presentations on the following subjects:

1. Urban Bus Industry Reform
2. Market And Physical Planning Factors
3. Public Transport Terminology
4. Route And Network Design
5. Fare Policy Development And Fare Collection
6. Performance Measures & Standards
7. Service Monitoring
8. Performance Analysis
9. Scheduling
10. Cost Analysis
11. Demand And Revenue Analysis