



THE WORLD BANK



# *Capacity Building Program:*

# Building Leaders in Urban Transport Planning

Jan 27<sup>th</sup> – Feb 2<sup>nd</sup>, 2013  
LTA Academy, Singapore





## Background

As cities become the engines of economic growth, they are becoming major contributors to GHG emissions. They are also faced with severe congestion, deteriorating air quality and an increasing incidence of road accidents. This is adversely impacting the health of the people and constraining economic growth. Building flyovers and road widening has often led to long run increases in road traffic and congestion. Others have built rail mass transit systems, but high costs have limited their extent and coverage. So what is the way out – what is the right direction to take?

It seems that a piecemeal approach to deal with urban mobility is not the way to go. The approach has to be more comprehensive, and multi-modal, encompassing both supply side and demand side measures. It has to go beyond a mere building of facilities to understanding linkages with land use planning, human behavior, affordability, environment, etc. It needs to incorporate institutional arrangements and also ensure financial sustainability. Thus, a comprehensive or integrated approach is called for.

## Workshop Objective

It is with this background that a 7-day learning event is being held in Singapore from January 27<sup>th</sup> to February 2<sup>nd</sup>, 2013. Organized jointly by the World Bank and the LTA Academy, with support from PPIAF, AusAID, and ESMAP, this event aims at developing leadership capabilities in urban mobility planning. It seeks to create awareness of what integrated mobility planning involves, what are its different components and how it needs to be undertaken. It will use a “hands on” learning approach, making extensive use of case studies, group exercises and site visits – all aimed at highlighting linkages between the different components of the urban transport system. The workshop will be preceded by a 5-week self-learning phase, from participants’ work locations, during which they will need to go through a self-learning course, based on materials provided to them.

The self study phase will involve about 24 hours of self paced learning, and will cover topics ranging from land use and transport planning to environmental and social issues in urban transport planning.

The workshop will seek to bring all the pieces together through case studies and group work, and will cover aspects such as:

- Diagnosing the key problems being faced by a city
- Systematic approach to Integrated Mobility Planning
- Corridor Management
- Public Transport Planning and Evaluating Alternatives
- Role of Government
- Financing and PPP

## Mentoring Program

As a sequel to the workshop, a mentoring program will also be available for interested participants, especially those who would be working on specific projects in their cities. The program would be for a duration of 6 months during which an expert will be assigned to a participant or a group of participants for advice and guidance as they work on their projects. Mentoring would be for a period of about one hour every two weeks. The mentor would be able to help review work done and provide the required guidance in specific projects and assignments. This would be purely optional, with an additional cost.

## Participant Profile

Ideal participants would be policy makers and planners from national, state and city level governments who are responsible for “putting the pieces together”. Participants from civil society, consultants and professional staff of consulting companies would also find the program very useful. Potential faculty from local training institutions would also gain from this program.

## Resource Persons

will include several well known experts including the following:

- **Prof Jose Gomez- Ibanez**, Kennedy School of Government, Harvard University, US
- **Prof Gopinath Menon**, Nanyang Technological University, Singapore
- **Mohinder Singh**, LTA Academy, Land Transport Authority, Singapore
- **Marc Juhel**, World Bank
- **Ajay Kumar**, World Bank
- **O. P. Agarwal**, World Bank
- **Samuel Zimmerman**, World Bank
- **Choi Chik Cheong**, LTA Academy, Land Transport Authority, Singapore



# Program Outline

27 Jan  
Sun

**Morning**  
Arrival and Registration

## Day 1

### Afternoon – Introduction

1. Introductions
2. General Trends and the Nature and Dimensions of the Emerging Problem
3. Evolution of Land Transport in Singapore

28 Jan  
Mon

**Morning**  
1. Case Discussion on Identifying the Key Issues  
2. Integrated Corridor Management  
3. Demand Management Measures adopted in Singapore

## Day 2

### Afternoon

Group Exercise – “Diagnosing the Problem”

29 Jan  
Tue

**Morning**  
1. Case Discussion on Market Segmentation  
2. Presentation on Land Use Transport Integration

## Day 3

**Afternoon**  
Site Visit

30 Jan  
Wed

**Morning**  
1. Case Discussion on “Alternatives Analysis” and “Integrated Public Transport Planning”

**Afternoon**  
Site Visit

31 Jan  
Thurs

**Morning**  
1. Case Discussion on Public Transport Industry Structure and Regulation  
2. Toolkit Demo – Bus Reforms  
3. Group Exercise on Reforming/Modernizing a Bus Service

## Day 5

**Afternoon**  
Site Visit

1 Feb  
Fri

**Morning – Governance**  
1. Case Discussion on Institutions for the Management of Urban Transport  
2. Group Discussion on Role of the Government

**Afternoon – Financing**  
1. Case Discussion on “Public Private Partnership” in Urban Transport  
2. Group Discussion on Financial Planning

2 Feb  
Sat

**Morning**  
Group Exercise - Putting it All Together for a City

**Afternoon**  
Feedback and Valedictory

## Day 7



# About LTA Academy



The LTA Academy was launched on September 27<sup>th</sup> 2006 by the Land Transport Authority of Singapore. The Academy aims to be a global knowledge hub in urban transport. It provides a one-stop platform for government officials, professionals and practitioners from around the world to tap on Singapore's experience and expertise and exchange knowledge and best practices in urban transport management and development. The Academy takes on three key roles: Learning Enabler, Research and Public Education. It publishes JOURNEYS, a professional publication on land transport issues.

The Academy is a member of the Singapore Network of Public Sector Training Institutions (PSTI); and has forged strategic partnership with 16 established international agencies, including those in US, UK, Germany, China, India and Korea.

## Sponsors

### World Bank



Owned by 187 member countries, the World Bank is a vital source of financial and technical assistance to developing countries around the world. Its mission is to fight poverty with passion and professionalism for lasting results and help people to help themselves and their environment by providing resources, sharing knowledge, building capacity and forging partnerships in the public and private sectors.

### ESMAP



**The Energy Sector Management Assistance Program (ESMAP)** is a global knowledge and technical assistance program administered by the World Bank. Its mission is to assist low- and middle-income countries to increase know-how and institutional capacity to achieve environmentally sustainable energy solutions for poverty reduction and economic growth.

### EAAIG



East Asia and Pacific AusAID Infrastructure for Growth Initiative (EAAIG) funded by the Australian Agency for International Development Aid supports the program for use on infrastructure activities in the countries of East Asia and the Pacific. The trust fund is intended to support the region's sector strategies in energy, transport, urban development (including water and sanitation), telecommunications and other infrastructure.

### PPIAF



**Public-Private Infrastructure Advisory Facility (PPIAF)** is a multi-donor technical assistance facility whose primary mission is to help reduce poverty and promote sustainable economic development in developing countries by acting as a catalyst to increase private sector investment and management in infrastructure. PPIAF's membership includes bilateral and multilateral development agencies and international financial institutions.

## Registration

You can download the application form online by clicking the URL below:

[www.LTAacademy.gov.sg/LUTP\\_Reg.doc](http://www.LTAacademy.gov.sg/LUTP_Reg.doc)

Your completed registration form (scanned copy) can be emailed to [LTAacademy@lta.gov.sg](mailto:LTAacademy@lta.gov.sg) or faxed to : **+65 6396 1518** by November 30<sup>th</sup> 2012.

A fee of S\$ 4,800 will be charged. This would also cover the cost of boarding and lodgings in Singapore. Participants will be expected to bear their own travel costs to reach the hotel/venue.

For those who opt for the mentoring support, a fee of S\$6,000 per participant or group will apply.