Capacity Building Program:
Building Leaders in Urban Transport Planning

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 6-day learning event is being held in Singapore from 19th – 24th January 2015. 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

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
- **Dr O P Agarwal**, Institute of Urban Transport, India
- **Prof Gopinath Menon**, Nanyang Technological University, Singapore
- **Mohinder Singh**, LTA Academy, Land Transport Authority, Singapore
- **Marc Juhel**, World Bank
- **Ajay Kumar**, World Bank
- **Thierry D Desclos**, World Bank
- **Samuel Zimmerman**, World Bank
- **Choi Chik Cheong**, LTA Academy, Land Transport Authority, Singapore
## PROGRAMME OUTLINE

### Monday, 19 Jan 2015

**MORNING**
- Arrival and registration

**AFTERNOON**
- **Lunch**
- Welcome statements
- Presentation on Evolution of Land Transport in Singapore
- Presentation on the Data Analysis Tool
- Briefing on Schedule and Logistics
- Ice Breaker Games and Visit to Transport Gallery
- **Dinner**

### Tuesday, 20 Jan 2015

**MORNING**
- Jakarta Case Study
- **Tea Break**
- Group Exercise – 3 Case-lets

**AFTERNOON**
- **Welcome Lunch**
- Site Visit on Integration of Public Transport Systems and Services (Sengkang Integrated Transport Hub)

### Wednesday, 21 Jan 2015

**MORNING**
- Debrief on Site Visit
- Delhi Metro Airport Express Case Discussion
- **Tea Break**
- Presentation on Integrated Land Use and Transport Planning in Singapore
- Group Presentations on Diagnosis of the Problems

**AFTERNOON**
- **Lunch**
- Group Exercises
- **Tea Break**
- Site Visit to City Gallery at Urban Redevelopment Authority

### Thursday, 22 Jan 2015

**MORNING**
- Debriefing on Site Visit
- Transmilenio Case Study
- **Tea Break**
- Exercises on Transport System Integration

**AFTERNOON**
- **Lunch**
- Group Discussions
- Evening Visit to Helix Bridge and Garden by the Bay

### Friday, 23 Jan 2015

**MORNING**
- Debriefing on Site Visit
- Case Study on Sri Lanka Bus Industry
- **Tea Break**
- Yogyakarta Bus Terminal Case

**AFTERNOON**
- **Lunch**
- Site visit on integrated Traffic Management

### Saturday, 24 Jan 2015

**MORNING**
- Debriefing on Site Visit
- Case Study of LAMATA, Lagos
- **Tea Break**
- **Putting It All Together**
- Group Work

**AFTERNOON**
- **Lunch**
- Putting It All Together for the City – Presentation by each group on the city that they were required to study
- **Tea Break**
- Valedictory
- End of Programme
The LTA Academy was launched on September 27th, 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 23 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:

http://app.lta.gov.sg/ltacademy/LUTP_Reg.doc

Your completed registration form (scanned copy) can be emailed to LTA-academy@lta.gov.sg or faxed to: +65 6396 1585 by 31st December 2014.

A fee of S$ 4,600 will be charged. This would also cover the cost of boarding and lodgings in Singapore. Participants will be expected to bear their own airport transfer costs between the airport and hotel.

http://app.lta.gov.sg/ltacademy/
# Program Registration Form

**Program Title:** Building Leaders in Urban Transport Planning  
**Code:** TPP141813  
**Date:** 19th – 24th January, 2015

## Particulars of participant

<table>
<thead>
<tr>
<th>Name*</th>
<th>Job Title*</th>
<th>Department*</th>
<th>Organisation*</th>
<th>Passport / FIN*</th>
<th>Email*</th>
<th>Country*</th>
<th>Telephone*</th>
<th>Fax*</th>
</tr>
</thead>
</table>

Number of persons attending*:
(If more than one, please attach particulars.)

## Contact person for billing purpose (if not the participant)

<table>
<thead>
<tr>
<th>Name*</th>
<th>Job Title*</th>
<th>Department*</th>
<th>Mailing address*</th>
<th>Telephone*</th>
<th>Fax*</th>
<th>Email*</th>
</tr>
</thead>
</table>

## Payment of fee

I would like to register for (please tick √ *):

- Workshop only: [Program fee:S$4600]+[Bank Charges:S$20] = Total fee: S$4620

Payment by (please tick √ *):

- I enclose my bank draft payable to "Land Transport Authority". Bank draft number is:  
- I am paying by telegraphic transfer: copy attached, and the telegraphic transfer number is:

## Sign and register

Authorised signature*:

I send signed and completed form by (please tick *):

- Fax to (65) 6396 1585  
- Email to LTA-Academy@lta.gov.sg (to attach completed form)

## Method of payment

All payment should be made in Singapore dollars and should include bank charges

- Payment by S$ bank draft should be made payable to: "Land Transport Authority", please quote program title at the back of draft and mail to LTA Academy, No.1 Hampshire Road, Singapore 219428, Singapore.  
- Payment by telegraphic transfer, in S$, must be made to:

<table>
<thead>
<tr>
<th>Account Name</th>
<th>Account Number</th>
<th>Bank and Address</th>
<th>SWIFT code</th>
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</thead>
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<tr>
<td>LAND TRANSPORT AUTHORITY</td>
<td>001-032012-2 (SGD)</td>
<td>DBS Bank Ltd</td>
<td>DBSSGSG</td>
</tr>
<tr>
<td></td>
<td>Bank Code:7171;Branch Code:001;</td>
<td>6 Shenton Way, DBS Building Tower 2, Singapore 068809</td>
<td></td>
</tr>
</tbody>
</table>

- GST registration number : M4-0006529-2

**Note:** * means input must be provided