



WORLD BANK GROUP

LTA ACADEMY  
SINGAPORE



Capacity Building Programme:  
**Building Leaders  
in Urban Transport  
Planning** | 22 – 27 Jan, 2018  
LTA Academy, Singapore



[www.lta.gov.sg](http://www.lta.gov.sg)



## Background

As cities become the engines of economic growth, they are becoming major contributors to greenhouse gases 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 22 – 27 January 2018. Organized jointly by the World Bank and the LTA Academy, with support from PPIAF, KGGP, 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**, CEO, World Resource Institute, India
- **Thierry Desclos**, Senior Urban Transport Specialist, World Bank
- **Ajay Kumar**, Consultant, World Bank
- **Samuel Zimmerman**, Consultant, World Bank
- **Looi Teik Soon**, Dean, LTA Academy, Land Transport Authority, Singapore
- **Mohinder Singh**, Advisor, LTA Academy, Land Transport Authority, Singapore
- **Choi Chik Cheong**, Deputy Director, LTA Academy, Land Transport Authority, Singapore



## Programme Outline (*tentative*)

<p><b>22 JAN 2018 MONDAY</b></p>	<p><b>MORNING</b></p> <ul style="list-style-type: none"> <li>• Arrival and registration</li> </ul>	<p><b>AFTERNOON</b></p> <ul style="list-style-type: none"> <li>• Lunch</li> <li>• Welcome Addresses</li> <li>• Ice Breaker Games and Visit to Land Transport Gallery</li> <li>• Tea Break</li> <li>• Evolution of Land Transport in Singapore</li> <li>• Data Analysis Tool</li> </ul>
<p><b>Menu of Problems and Diagnosing the Key Issues</b></p>		
<p><b>23 JAN 2018 TUESDAY</b></p>	<p><b>MORNING</b></p> <ul style="list-style-type: none"> <li>• Case Study 1</li> <li>• Tea Break</li> <li>• Public Transport Reforms</li> <li>• Group Exercise – 3 Case-lets</li> </ul>	<p><b>AFTERNOON</b></p> <ul style="list-style-type: none"> <li>• <i>Welcome Lunch</i></li> <li>• Group Exercise (continued)</li> <li>• <i>Tea Break</i></li> <li>• Site Visit on Integration of Public Transport Systems and Services (Sengkang Integrated Transport Hub)</li> </ul>
<p><b>Transport and Land Use Planning</b></p>		
<p><b>24 JAN 2018 WEDNESDAY</b></p>	<p><b>MORNING</b></p> <ul style="list-style-type: none"> <li>• Debrief on Site Visit</li> <li>• Case Discussion</li> <li>• <i>Tea Break</i></li> <li>• Integrated Corridor Management</li> <li>• Integrated Land Use and Transport Planning in Singapore</li> <li>• Group Presentations on Diagnosis of the Problems</li> </ul>	<p><b>AFTERNOON</b></p> <ul style="list-style-type: none"> <li>• <i>Lunch</i></li> <li>• Group Exercise</li> <li>• <i>Tea Break</i></li> <li>• Site Visit to City Gallery at Urban Redevelopment Authority</li> </ul>
<p><b>Integrated Transport Planning and Alternatives Analysis</b></p>		
<p><b>25 JAN 2018 THURSDAY</b></p>	<p><b>MORNING</b></p> <ul style="list-style-type: none"> <li>• Debrief on Site Visit</li> <li>• Case Study 2</li> <li>• <i>Tea Break</i></li> <li>• Exercise on Transport System Integration</li> </ul>	<p><b>AFTERNOON</b></p> <ul style="list-style-type: none"> <li>• <i>Lunch</i></li> <li>• Group Exercise</li> <li>• <i>Tea Break</i></li> <li>• Group Exercise (continued)</li> <li>• Evening Social Event</li> </ul>
<p><b>Public Transport Management and Public Private Partnership</b></p>		
<p><b>26 JAN 2018 FRIDAY</b></p>	<p><b>MORNING</b></p> <ul style="list-style-type: none"> <li>• Debrief on Site Visit</li> <li>• Case Study 3</li> <li>• <i>Tea Break</i></li> <li>• Case Study 4</li> <li>• Land Transport Institutions &amp; Governance – Singapore Case</li> </ul>	<p><b>AFTERNOON</b></p> <ul style="list-style-type: none"> <li>• <i>Lunch</i></li> <li>• Group Exercise</li> <li>• <i>Tea Break</i></li> <li>• Site Visit to LTA's Intelligent Transport System Centre (ITSC)</li> <li>• Closing Dinner</li> </ul>
<p><b>Governance</b></p>		
<p><b>27 JAN 2018 SATURDAY</b></p>	<p><b>MORNING</b></p> <ul style="list-style-type: none"> <li>• Debrief on Site Visit</li> <li>• Case Study 5</li> <li>• <i>Tea Break</i></li> <li>• Governance Framework for Urban Transport</li> <li>• Group Presentation – Final Touch-Up</li> </ul>	<p><b>AFTERNOON</b></p> <ul style="list-style-type: none"> <li>• <i>Lunch</i></li> <li>• <b>Putting It All Together for the City</b> – Presentation by each group on the city that they required to study</li> <li>• <i>Tea Break</i></li> <li>• Valedictory</li> <li>• End of Programme</li> </ul>



## Co-Organisers

**LTA ACADEMY**  
SINGAPORE

Land Transport Authority  
We Keep Your World Moving



**WORLD BANK GROUP**

The LTA Academy was launched on 27 September 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 is a member of the Singapore Network of Public Sector Training Institutions (PSTI) and has forged strategic partnership with various established international agencies, including those in US, UK, Germany, China, India and Korea.

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.

## Sponsors

**ESMAP**  
Energy Sector Management Assistance Program

**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.



Korea  
**Green Growth**  
Partnership

The Republic of Korea and the World Bank Group established the **Korea Green Growth Trust Fund (KGGTF)** in September 2011 to help developing countries shift to 'green' development path to eradicate poverty and promote economic prosperity, in an environmentally responsible and socially inclusive manner. The KGGTF Secretariat coordinates the \$40 million fund (2013-2017) for green growth implementation projects in the sector of Urban, Transport, ICT, Energy, Environment and Water.

**PPIAF**  
PUBLIC-PRIVATE INFRASTRUCTURE ADVISORY FACILITY

**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 registration form online via the URL:  
[www.lta.gov.sg/content/ltaweb/en/academies/taacademy/LUTP\\_Reg.doc](http://www.lta.gov.sg/content/ltaweb/en/academies/taacademy/LUTP_Reg.doc)
- Your completed registration form (scanned copy) can be emailed to: [LTA-academy@lta.gov.sg](mailto:LTA-academy@lta.gov.sg) or faxed to: +65 6585 8082 by 15<sup>th</sup> December 2017.
- A programme fee of S\$4,600 applies, which covers accommodation (with breakfast), daily lunches and tea breaks, a hosted dinner and transfers between the hotel and training venue.
- Airfares and transfers between airport and the hotel are not included.

Please see terms and conditions in the registration form.