



photo credit © Inquirer

photo credit © Traffic News

# TECHNICAL TRAINING ON URBAN RAILWAY POLICY

PHILIPPINE NATIONAL RAILWAYS  
TUTUBAN STATION

photo credit © John Ward

photo credit © Go Tokyo

*What do we learn from Tokyo Railway System?*

*June 19-21, 2017  
Tokyo, Japan*

# TRAINING OVERVIEW

## 1. Introduction and Background

ADB's Sustainable Transport Initiative aims significant expansion of lending for urban transport and railway projects. In order to meet the DMC's needs of developing effective urban railway projects, it is important for the relevant ADB staff to understand the policy mechanism to bring success in designing the urban railway projects by learning from experiences in developed countries.

Tokyo is the No. 1 populated urban agglomeration in the world with a population of 37.8 million.<sup>1</sup> Surprisingly, the railway share among the transportation modes in Tokyo urban area is as high as 70%.<sup>2</sup> The railway development in Tokyo started in the 1920s in line with Tokyo's urbanization. In the past one century, the railway network of Tokyo has been expanded, contributing to its economic growth and people's active movement.

There are some important institutional and legitimate mechanisms to support the expansion of the railway network. Those mechanisms include:

- (i) well-coordinated transport planning and urban planning,
- (ii) cooperative and competitive roles of railway operators to increase the level of services as a network, and
- (iii) value capturing to fund the development of railway network.

Those mechanisms will be worth to be learned, so that they can be modified and applied to ADB's design and advisory on DMCs for effective urban railway policy and projects.

## 2. Purpose

Transport Sector Group is hosting the Technical Training on Urban Railway Policy in Tokyo, Japan, in order to provide the relevant ADB staff with an opportunity to (i) learn the mechanisms of policy intervention and see actual situations in railway network in Tokyo urban area, (ii) find the gap between the situations in Tokyo and those found in client countries, and (iii) bring solutions to fill the gap, that will fit to the client country's context, through active discussions among speakers and participants.

## 3. Contents

The training will employ a combination of lectures from railway policy experts and operators, as well as site visits in Tokyo to view actual operation and development of urban railways. Speakers include:

- (i) Takashi YAJIMA; President, Land Readjustment Center; Former Deputy Director General, Ministry of Construction (MOC)-City Bureau,
- (ii) Fumio KUROSAKI; Senior Researcher, Institute of Transportation Economics (ITE),
- (iii) Masanori TANAKA; Chairman, Japan International Consultants for Transportation (JIC); Former Executive Director, East Japan Railway Company (JR East), and
- (iv) Gyeng Chul KIM; Advisor, Department of Transportation (DOTr) of Philippines; Former President of Korea Research Institute (KOTI).

---

<sup>1</sup> World Urbanization Prospects (2014), United Nations World Urbanization Prospects

<sup>2</sup> UITP(2001), passenger-km basis.

# TRAINING PROGRAMME

**18 June, Sunday**

Participants' arrival day in Tokyo

Day 1 19 June, Monday		
Time	Activity	Facilitator/s
09h00	Reception [room 503D, 5th floor of the Station Conference (refer to the “hotel guidance” in this kit)]	-
09h30	Guidance	ADB Japan Railway Technical Service (JARTS) Institute of Transportation Economics (ITE)
10h00	<b>Welcome remarks:</b> Ministry of Land, Infrastructure, Transport and Tourism; JARTS; and ITE	ADB JARTS ITE
10h30	<b>Lecture:</b> Introduction to the mechanisms to support the historical expansion of railway network in Tokyo (Dr. Yajima)	ITE
11h30	<b>Lecture:</b> Japanese railway policy and the roles of railway operators (Dr. Kurosaki)	ITE
12h30	<b>Lunch</b>	-
13h30	<b>Lecture:</b> Development of railway stations in cooperation with local/national government: e.g. Tokyo station using transfer of floor-area ratio of buildings (Mr. Tanaka)	Japan International Consultants for Transportation (JIC)
16h00	<b>Site visit:</b> Tokyo Station (see outlook of the station and visit inside-station retail shops: <i>Eki-naka</i> )	East Japan Railway Company (JR East)
18h00	Move to Tokyo Station Hotel	-
18h30	Dinner hosted by JARTS	JARTS



Day 2  
20 June, Tuesday

Time	Activity	Facilitator/s
09h00	Meet at hotel lobby [27 <sup>th</sup> floor of Metropolitan Tokyo Marunouchi Hotel] Leave hotel, move to Ueno by JR Yamanote Line	-
10h00	<b>Lecture:</b> Expansion of metro network in Tokyo in cooperation with other railway operators	Tokyo Metro Co. Ltd. (Tokyo Metro)
11h30	Move to Kitasenju Station by Tokyo Metro Hibiya-Line	-
12h00	<b>Site visit:</b> Kitasenju Station (a hub of commuter trains of JR East, Tokyo Metro, Tsukuba Express(TX) and Tobu Line, see the exchange of drivers for the “mutual through train operation”)	Tokyo Metro
12h30	Lunch at Kitasenju (Lumine Kitasenju: Station building developed by JR East group)	-
13h30	Move to Kashiwanoha-Campus Station by TX	-
14h00	<b>Site visit:</b> Kashiwanoha-Campus Station (This station is near to the Kashiwanoha-campus of the University of Tokyo. You can see a well-coordinated transit plaza in front of the station.)	Metropolitan Intercity Railway Company (MIRC)
14h30	Move to Akihabara Station by TX	-
15h00	<b>Lecture:</b> TX and the value capturing for railway development	MIRC
17h30	End of the day 2	-

Day 3 21 June , Wednesday		
Time	Activity	Facilitator/s
09h00	Meet at hotel lobby [27 <sup>th</sup> floor of Metropolitan Tokyo Marunouchi Hotel] Leave hotel, Move to ITE by JR Yamanote Line and JR-Soubu Line	-
10h00	<b>Lecture:</b> Development of Tokyo-Ueno Line and the plan for the land development in Shinagawa area (Dr. Kurosaki)	ITE/JR East
11h00	<b>Wrap-up session:</b> Application of the learning to the transport planning (Dr. Kim)	ITE
12h00	<b>Lunch</b>	-
13h30	<b>Site visit:</b> See the development of Shinagwa area by JR from the train (JR Yamanote Line) and riding JR Ueno-Tokyo Line	ITE
15h30	Return to hotel, wrap-up	ADB JARTS ITE
16h00	End of training	-

**22 June, Thursday,**  
Participants' departure day from Tokyo

## PARTICIPANTS' LIST

	Name	Designation	Division	Note
1	Jurgen Sluijter	Transport Economist	EATC	
2	Sharad Saxena	Principal Transport Specialist	EATC	
3	Zheng Wu	Senior Transport Specialist	CWTC	
4	Arleen S. Mabale	Associate Project Officer	SETC	
5	Takeshi Fukuyama	Transport Specialist	SETC	
6	Ki-Joon Kim	Principal Transport Specialist	SDCS-TRA	
7	Juan Franciso Gonzalez Jimenez	Young Professional	SDCS-TRA	
8	Cesar Llorens	Senior Urban Development Specialist	CWUW/ARRM	
9	Aruna Nanayakkara	Senior Project Officer (Road and Transport)	SLRM	
10	Oranuch Jetwattan	Senior Project Officer	TRM	
11	Nguyen Dinh Cuong	Associate Project Officer (Infrastructure)	VRM	
12	Zhang Wen	Senior Project Officer	PRCM	
13	Wang Fang	Senior Project Officer (Financial Management)	PRCM	
<b>Observer</b>				
14	Yasushi Tanaka	Principal Transport Specialist	SETC	Attending on 19 June only

