

Round-table Meeting on
**Sustainable Transport Development Aspect in Thailand:
Transit-Oriented Development (TOD), Equity and the environment**

Date: Friday, 4th of June 2010
Time: 09:00 – 12:00 and 13:00 – 15:30
Key host: ATRANS and OTP, **Venue:** OTP meeting room 401, 4th Floor

Asian Transportation Research Society or ATRANS in cooperation with Office of Transport and Traffic Policy and Planning (OTP) held a round-table meeting on “Sustainable Transport Development Aspect in Thailand: Transit-Oriented Development (TOD), Equity and the environment” on Friday, 4th June 2010 at OTP meeting room 401, 4th Floor from 09:00 to 15:30.

The purposes of organizing a roundtable meeting were to:

- 1) To introduce ATRANS research projects and its academic activity to OTP - the key policy maker in transportation and to provide an open interactive communication channel among authorities concerned and other Thai academics for information interchange on Sustainable Transport Development with JPN experts from JPN Embassy, MLIT and JPN private firms;
- 2) To discuss the importance of transit-oriented development (TOD), TOD plans for BTS, MRTA, SRT, BRT and BMA its pros and cons and how to proceed with an assistance from JPN government (meaning that how TOD can be realized with JPN assistance) and Management of the environment.

Current Situation:

It is undeniable that transportation plays an important role in our daily life. Despite the co-existence of BTS and MRT, SRT, and BMTA as well as para-transit services, still the number of private transports plays dominant role in Bangkok and other major cities in Thailand. This causes inefficient use of energy and environmental degradation. The common problems of inaccessibility to mass transit and lacking mobility management are the major causes to blame. There are numbers of study proposed a development of areas around the mass transit stations so called Transit-Oriented Development (TOD) available in place. However, none of them has been realistically implemented. It is noteworthy to pinpoint what are the barriers or obstacles for implementation. Or is the foreign technical assistance essential to implement TOD in Thailand?

Raising the case of Japan as an example, most of areas along the rail stations in major cities are developed for transit oriented. Majority of Japanese commute to work by train while housewives enjoy shopping at department stores and retired people enjoy their leisure time at the shops or recreational center around the railway stations. Basically, TOD Giving people many choices for living an urban lifestyle in sustainable, convenient and enjoyable places, while providing the solutions to private motorized transport usage, peak oil, global warming, and climate change.

ATRANS has been conducted several research projects and some of those are related to current climate issues. Hence, it is vital important to parties concerned, particularly, OTP: the key policy maker and the practitioners or operators: MRTA, BMA, BTS, SRT as well as Thai academics and researchers to brainstorm and to exchange ideas, opinions and information in order to derive a fruitfully productive discussion on transit-oriented development and the environment with Japanese experts from MLIT and private sector so that some barriers or obstacles can be learned through this potential roundtable meeting.

Programs:

- 1) Morning session - Sustainable Transport Development Aspect in Thailand:
Transit-Oriented Development (TOD) and the environment

Speakers for the morning session, see the following table.

Date & Time Friday, 4 th June 2010	Descriptions	Remarks
09:30 – 09:35	Welcoming remarks	Deputy Director-General, OTP
09:35 – 09:40	Opening remarks	Mr. Aram Kornsonbat, Deputy Permanent Secretary, MOT
Morning session: Transit Oriented Development (TOD) and the Environment moderates by Dr. Tuenjai Fukuda (ATRANS)		
09:40 – 10:00	Mechanism to Realize TOD along Urban Railway System in Japan	Prof. Atsushi Fukuda, Nihon U.
10:00 – 10:20	TOD (Transit-Oriented Development) and Land Use - Japan's Experience & System	Mr. Shinichiro Yamamoto, JPN Embassy (& MLIT)
10:20 – 10:40	Development of Tama Plaza Station Area and Other Residential Area along Denen Toshi Line	Mr. Shuunichi Ueno, Tokyu Construction, Japan
10:40 – 10:50	Coffee break served during session)	
10:50 – 11:10	Transit Oriented Development plan for BMA	Mr. Oravit Hemachudha, BMA
11:10 – 11:30	Integrating congestion pricing for mass transit	Dr. Sittha Jaensirisak, UBU
11:30 – 11:50	Mobility and accessibility of rail transit network in Bangkok	Dr. Varameth Vichiensan, KU
11:50 – 12:00	Discussion	
12:00 – 13:00	Luncheon	Lunch boxes provided

- The session will be conducted in English only.

2) Afternoon session - "Transportation Equity, energy and the environment."

Speakers for the afternoon session, see the following table.

Date & Time Friday, 4 th June 2010	Descriptions	Remarks
Afternoon session: "Transportation Equity, energy and the environment." moderates by Dr. Tuenjai Fukuda (ATRANS)		
13:00 – 13:20	Economic and social development for transportation equity	Dr. Suwat Wanisubut, Deputy Secretary – General, NESDB
13:20 – 13:40	Transportation equity and social inclusion in Thai Society	Prof. Paibul Suriyawongpaisal, Mahidol University
13:40 – 14:00	Transportation equity in energy sector	Capt. Dr. Samai Jai-in, Royal Thai Navy
14:00 – 14:10	Coffee break (served during session)	
14:10 – 14:30	Trend of Energy Consumption in Transportation and Its Implications	Asst. Dr. Prof. Chumnong Sorapipatana, JGSEE, KMUTT
14:30 – 14:50	Energy consumption and VKT in major cities in Thailand	Asst. Prof. Dr. Thirayoot Limanond, SUT
14:50 – 15:20	Ethanol usage as diesel substitutes in Transport sector	Dr. Nuwong Chollacoop, MTEC
15:20 – 15:30	Discussion and closing remark	

- The session was conducted in both Thai and English.

Invited commentator:

Prof. Dr. Wiroj Rujopakarn, Kasetsart University
Dr. Suwat Wanisubut, Deputy Secretary – General of NESDB
Mr. Rapin Churutula, Former Head of Inspector – General of MOT
Prof. Sitanon Jesdapipat, Associate, SEA START Regional Center

Invited observer:

Mr. Hajime Taniguchi, Assistant Resident Representative, JICA Thailand Office.
Mr. Kensuke Kobayashi, First Secretary of JPN Ambassador, Japanese Embassy.

Participating organizations:

The participants were invited from OTP, NESDB, MRTA, SRT, BTS, Transport and Traffic Dept - BMA, MTEC, Energy sector, University professors, and Thai private firms, etc. There were more than 80 participants participated in the roundtable meeting.