

MINUTES OF MEETINGS
ON
THE STUDY ON INTEGRATED URBAN TRANSPORTATION
MASTER PLAN FOR THE ISTANBUL METROPOLITAN AREA
IN THE REPUBLIC OF TURKEY

AGREED UPON BETWEEN
THE ISTANBUL METROPOLITAN MUNICIPALITY (IMM)
AND
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

ISTANBUL, November 18, 2005

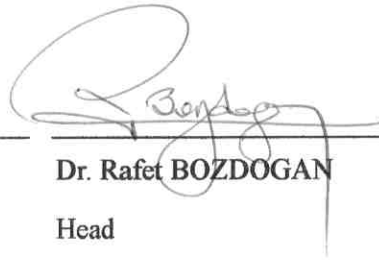
小山 伸亮

Mr. Nobuhiro KOYAMA

Leader

Preparatory Study Team

Japan International Cooperation Agency



Dr. Rafet BOZDOGAN

Head

Transportation Department

Istanbul Metropolitan Municipality

1. Introduction

In response to the request of the Government of the Republic of Turkey, the Government of Japan dispatched the preliminary study team headed by Mr. Nobuhiro Koyama (hereinafter referred to as “the Team”) to discuss the technical cooperation on “the Study on Integrated Urban Transport Master Plan for the Istanbul Metropolitan Municipality (IMM) in the Republic of Turkey” (hereinafter referred to as “the Study”).

The Team had a series of discussions with the personnel of the central governments as well as IMM and its advisory affiliate of Istanbul Metropolitan Planning and Urban Design Center (IMP) to define the scope of work of the Study and clarify the implementation arrangement. The participants of the discussions are listed in Annex 1.

Based on the repeated discussions between IMM and the Team, both sides arrived at a general agreement on the draft Scope of Work of the Study shown in Annex 2. Main points of discussions are summarized below. Both sides will sign on the Scope of Work immediately after the exchange of the Note Verbal for the Study between the GOT and the GOJ. The main points of discussions are summarized below.

2. Establishment of “Istanbul Metropolitan Planning and Urban Design Center (IMP)” in July 2005

As an important background of the Study, IMM informed the Team that due to the increasing importance of the Istanbul Metropolitan Planning including transportation, Mayor of IMM decided to establish the Istanbul Metropolitan Planning and Urban Design Center (IMP). Main mission of IMP, established in July 2005, is to provide viable advice to the Mayor in terms of achieving sustainable urban development as well as enhancing quality of life of citizens. IMM is in a position to adopt and implement the plans and policy measures proposed by IMP whenever they are considered appropriate.

3. Main Activities of IMP Transportation Group during the Period of 2006-2008

In relation with the Study, IMM also informed the Team that IMP Transportation Group has a plan to develop the Integrated Urban Transport Master Plan for IMM in the coming couple of years, which comprises: Phase 1 (2006) first to carry out a series of transport surveys including household survey, traffic count survey and traffic speed survey, etc., and second to calibrate transportation models for future transport demand forecast; and Phase 2 (2006-2008) to develop Integrated Urban Transport Master Plan consisting of (1) Inter-Modal Public Transit Plan, (2) Infrastructure Investment Plan, and (3) Traffic Management and Control Plan, although these three are closely inter-related.

4. JICA Cooperation to IMP

IMM and the Team has reached a general agreement, first that the JICA cooperation should be in concert with the roles and activities of IMP Transportation Group as mentioned above, and second that JICA cooperation should focus on Phase 2 to develop Integrated Urban Transport Master Plan consisting of (1) Inter-Modal Public Transit Plan, (2) Infrastructure Investment Plan, and (3) Traffic Management and Control Plan, as described in the above. IMP Transportation Group will undertake every kind of transport surveys and calibration of transport models for future transport demand forecast to be implemented in Phase 1. IMM and the Team agreed that close collaboration between them is indispensable for the successful development of the Master Plan although there is a demarcation of main works to be done by both parties.

5. Implementation Arrangement for JICA Cooperation

- (1) Counterpart agency: Counterpart agency to the JICA Study Team is to be the Department of Transportation of IMM. Counterpart personnel working with the JICA Study Team on a daily basis comes from IMM and IMP;
- (2) Office space: The Department of Transportation will provide office space with office equipment to the JICA Study Team in the IMP office;
- (3) Vehicles: IMM promised to provide necessary vehicles for sight surveys and reconnaissance;
- (4) Steering Committee: Steering Committee representing main stakeholders is to be organized to provide policy guidance to the Study. Chairperson of the Committee is to be the Head of the Department of Transportation of IMM and its members will be decided later, but before the commencement of the Study; and
- (5) Participatory Approach: Seminars and workshops will be organized from time to time with a view to promoting participation of various stakeholders in the process of the Study and timely information dissemination.

6. Reports

Both sides agreed that IMM should distribute the reports available to the concerned authorities and organizations in order to achieve maximum use of the Study result.

7. Environmental and Social Considerations (ESC)

(1) The Concept of JICA's Environmental and Social Considerations

The Team explained the background and the key concepts of the JICA guidelines for environmental and social considerations (ESC). The Team emphasized the need to comply with the new Guidelines. Both sides agreed that IMM should implement the ESC process,



11
21

and that JICA should assist the process technically.

(2) Responsibility for IEE and EIA

Both sides agreed that the GOT shall take the responsibility for the implementation of Initial Environmental Examination (IEE level) and Environment Impact Assessment (EIA level) concerned with the Study. JICA is responsible for the data collection and analysis (conducting the baseline study) necessary for implementation of IEE and EIA.

(3) Stakeholders Meeting and Information Disclosure in the ESC process

Both sides agreed to hold the Stakeholders' Meetings under the initiative of the IMM at appropriate times during the Study. The Stakeholders to participate in the meetings should be properly selected in the course of the Study. Information regarding the Study shall be disclosed by IMM and JICA. The Team also emphasized that JICA will make the Study reports open to the public.

4.
4



The List of Participants in the Meeting
between IMM and JICA Preparatory Study Team

Turkey Side

Assoc Prof, Dr. Rafet BOZDOGAN, Head, Transportation Department, IMM

Salim Kucuk, Manager, Transportation Planning Division, IMM

Prof, Dr. H. Murat CELIK, City Planner, IMP (Professor, Department of City and Regional Planning, Izmir Institute of Technology)

Ihsan Hadi KARADENIZ, Deputy Manager, Transportation Planning Division, IMM

Japanese Side

Nobuhiro KOYAMA, Leader, JICA preliminary study team, Senior Advisor of Social Development Department, JICA

Tetsuro HYODO, Advisor on Urban Transport, JICA preliminary study team, Associate Professor at Logistics and Information Engineering Department, Tokyo University of Marine Science and Technology

Satoshi UMENAGA, Vice Leader, JICA preliminary study team, Deputy Resident Representative of JICA Turkey Office

Naomichi MUROOKA, Member, JICA preliminary study team, staff, Transportation Group, Social Development Department, JICA

Ali BEKIN, Member, JICA preliminary study team, staff, JICA Turkey Office

1.
a



DRAFT SCOPE OF WORK
FOR
THE STUDY ON INTEGRATED URBAN TRANSPORTATION
MASTER PLAN FOR THE ISTANBUL METROPOLITAN AREA
IN THE REPUBLIC OF TURKEY

AGREED UPON BETWEEN
THE ISTANBUL METROPOLITAN MUNICIPALITY (IMM)
AND
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

ISTANBUL, November 18, 2005

Mr. Nobuiro KOYAMA

Leader

Preparatory Study Team

Japan International Cooperation Agency

Dr. Rafet BOZDOGAN

Head

Transportation Department

Istanbul Metropolitan Municipality

4.
4



1. Introduction

In response to the request of the Government of the Republic of Turkey, the Government of Japan decided to conduct “the Study on Integrated Urban Transportation Master Plan for the Istanbul Metropolitan Municipality” (hereinafter referred to as “the Study”) in accordance with the relevant laws and regulations in force in Japan.

Accordingly, Japan International Cooperation Agency (JICA), the official agency responsible for implementation of Technical Cooperation Program of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of the Istanbul Metropolitan Municipality.

This document sets forth the Scope of Work for the Study.

2. Objective of the Study

The Istanbul Metropolitan Municipality (IMM) has been heavily dependent on road traffic, resulting in chronic traffic congestion in many part of the city centers. However, car ownership has been steadily increasing due to the current low rate of car ownership (150 vehicles per 1,000 people). To cope with the situations, IMM, as a megalopolis of almost 12 million population, is in an urgent need of developing an effective and efficient urban transport system, comprising the following three components: (1) improved public transport services to replace millions of private car use on the existing road network; (2) increased road capacity to accommodate still increasing car ownership; and (3) refined traffic management and control system for more efficient use of existing road capacity.

In this context, general objective of the Study is defined as “Enhancing accessibility/mobility as well as improving living environment in IMM through promoting a sure shift from private car use to public transport rider-ship.” With a view to achieving this general objective, three sub-objectives are assumed as follows: (1) to improve and expand inter-modal public transit system in view of reducing car dependence; (2) to increase road capacity in view of accommodating vehicle traffic in a short run as well as guiding proper urban expansion in a long run; and (3) to strengthen traffic management and control in view of more efficient use of existing road capacity.

To fulfill the above objectives, capacity development of IMM, human resource development in particular, is very important and indispensable. The Study aims at transfer of technology and know-how regarding urban transportation system to IMM through such various forms as seminars/workshops and on-the-job training.

3. Areas to be covered by the Study

Whole area of IMM is to be covered as shown in the Map attached.

4
E



4. Target Year of the Study

Target year of the Study is the year of 2025 under a long-term perspective. Short-term target year is set at the year of 2012, about five (5) years later after the completion of the Study. A mid-term target year will be set in-between of long and short-term target.

5. Scope of the Study

In order to achieve the objectives mentioned above, the Study shall cover the following work items. Such transport related surveys as household survey, traffic count survey and traffic speed survey as well as future transport demand forecast via TRANSCAD are to be carried out by Transportation Group of the Istanbul Metropolitan Planning and Urban Design Center (IMP). The JICA Study Team needs to have full understanding of the surveys performed and calibration methods/results of the transport demand forecast so as to reflect them properly to its related work items.

5.1 Analysis of current conditions of IMM

- (1) General outline of IMM, including natural, socio-economic, environmental and administrative aspects;
- (2) Inter-modal public transit system;
- (3) Road network and traffic situations;
- (4) Traffic management and control system;
- (5) Administrative and financial institution for IMM transportation;
- (6) Development plans and programs of IMM transportation; and
- (7) Review of reports and research papers regarding IMM transportation.

5.2 Clarification of problem structure of IMM transportation

- (1) Identification of IMM transportation issues based 5.1 above;
- (2) Clarification of relationship (cause and effect) between issues;
- (3) Categorization of issues into short-mid-long term groups; and
- (4) Extraction of important implications for IMM transportation planning.

5.3 Proposal of short-term measures to improve mainly based on 5.2 above with a greater importance on policy measures

- (1) Proposal of short-term improvement of inter-modal public transit system, including (a) goals to achieve, (b) strategies to reach goals, (c) programs/projects to

4.
a



materialize strategies;

- (2) Proposal of short-term increase of road capacity to ease traffic congestion, including (a) goals to achieve, (b) strategies to reach goals, (c) programs/projects to materialize strategies;
- (3) Proposal of short-term strengthening of traffic management and control system, including (a) goals to achieve, (b) strategies to reach goals, (c) programs/projects to materialize strategies;
- (4) Synthesis of (1) - (3) above with a view to "Enhancing accessibility/mobility as well as improving living environment in IMM" from a short-term point of view; and
- (5) Proposal of the implementation arrangements for the above from a short-term point of view.

5.4 Plan and implementation of short-term priority pilot projects

- (1) Preparation of short-term priority pilot projects, based on 5.3 above;
- (2) Implementation and monitoring of the pilot projects; and
- (3) Evaluation of performance of the pilot projects for full-scale application.

5.5 Review and evaluation of future transport demand forecasted by IMP

- (1) Full understanding of the surveys performed and calibration methods/results of the transport demand forecast; and
- (2) Study on application of the calibration results to short-mid-long term planning through repeated discussions between the IMM Counterpart Team and the JICA Study Team

5.6 Proposal of long-term measures to improve, expand and strengthen mainly based on future transport demand forecast with a greater importance on capital investment

- (1) Proposal of long-term improvement and expansion of inter-modal public transit system, including (a) goals to achieve, (b) strategies to reach goals, (c) programs/projects to materialize strategies;
- (2) Proposal of long-term increase of road capacity to properly guide urban expansion, including (a) goals to achieve, (b) strategies to reach goals, (c) programs/projects to materialize strategies;
- (3) Proposal of long-term strengthening of traffic management and control system, including (a) goals to achieve, (b) strategies to reach goals, (c) programs/projects to materialize strategies;
- (4) Synthesis of (1) - (3) above with a view to "Enhancing accessibility/mobility as well



41
4

as improving living environment in IMM” from a long-term point of view; and

- (5) Proposal of the implementation arrangements for the above from a long-term point of view.

5.7 Proposal of mid-term measures to improve, expand and strengthen with an equal importance on policy measures and capital investment

- (1) Proposal of mid-term improvement and expansion of inter-modal public transit system by taking account of the short to long term consistency;
- (2) Proposal of mid-term increase of road capacity by taking account of the short to long term consistency;
- (3) Proposal of mid-term strengthening of traffic management and control system by taking account of the short to long-term consistency;
- (4) Synthesis of (1) - (3) above with a view to “Enhancing accessibility/mobility as well as improving living environment in IMM” by taking account of the short to long term consistency; and
- (5) Proposal of the implementation arrangements for the above by taking account of the short to long term consistency.

5.8 Synthesis of the above results to propose “Recommendations for Implementation”

- (1) Total picture of recommendations to achieve “General Objective” based on the time-phased realization of three “Sub-Objectives”;
- (2) Proposal of programs and projects by category, for instance,
 - a) Time phasing from short to long term;
 - b) Three Sub-Objectives, and
 - c) By mode of transport.
- (3) Outline of priority programs and projects;
- (4) Proposal of implementation schedule;
- (5) Proposal of financial requirements for implementation; and
- (6) Proposal of “Plan of Action” by main stakeholders.

6. Reports

JICA shall prepare and submit the following reports to IMM:

- (1) Inception Report: 1st month after commencement of the Study
- (2) Progress Report 1 6th month



4/1
u

- | | | |
|-----|--------------------------------------------------------------------|------------|
| (3) | Interim report | 11th month |
| (4) | Progress Report 2 | 16th month |
| (5) | Draft Final Report | 22nd month |
| | Comments from IMM within one month after submission of the report) | |
| (6) | Final Report | 24th month |

7. Undertakings of IMM

7.1 To facilitate the smooth implementation of the Study, the Istanbul Metropolitan Municipality shall take the following necessary measures:

- (1) To permit the members of the Study Team to enter, leave and sojourn in the Republic of Turkey for the duration of their assignments therein and offer the convenience for procedures of foreign registration requirements.
- (2) To undertake the payment of taxes, custom duties and other charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the team for their services in connection with the implementation of the Study.
- (3) To provide necessary facilities to the Study Team for the remittance as well as utilization of the funds introduced into Turkey from Japan in connection with the implementation of the Study.
- (4) To make all necessary arrangements for permission for entry into all areas, excluding militarily restricted areas, for the implementation of the Study.
- (5) To make all necessary arrangements for permission, which will be granted by relevant authorities of the Istanbul Metropolitan Municipality for the Team, for taking all data and documents (including maps and photographs) related to the Study out of the Republic of Turkey.

7.2 IMM shall bear claims, if any arises, against the members of the Study Team resulting from, occurring in the course of, or otherwise connected with, the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Study Team.

7.3 IMM shall act as counterpart agency to the Study Team and also as a coordinating body with other relevant organizations for the smooth implementation of the Study, on behalf of the GOT.

7.4 IMM shall, at its own expense, provide the Study Team with the following in cooperation with other organizations concerned;



4/1
4

- (1) Security-related information on as well as measures to ensure the safety of the Study Team,
- (2) Information as well as support in obtaining medical service,
- (3) Available data and information related to the Study (including GIS data and maps),
- (4) Counterpart personnel,
- (5) Suitable office space with necessary office equipment and facilities, and
- (6) Credentials or identification cards.

9. Undertakings of JICA

- (1) To dispatch, at its own expenses, the study team to the Republic of Turkey.
- (2) To conduct technical assistance to Turkish counterpart personnel in the course of the Study.

10. Consultation

IMM and JICA shall consult with each other in respect of any matter that may arise from or in connection with the Study.

4.
11





5/5

Annex IV: Tentative schedule

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Work in Turkey	—————																					—————			
Work in Japan	—————				—————					—————					—————						—————		—————		
Report	△					△					△					△							△		△

小
出