

## 4th JOINT WORK SHOP IN HANOI

From 31<sup>st</sup> Jan. to 2<sup>nd</sup> Feb.

The 4<sup>th</sup> Joint WS for the technology and policy research of Road and Transport was held in Hanoi by NILIM, Japan and ITST, Vietnam (\*) with sister organizations from 31<sup>st</sup> January to 2<sup>nd</sup> February.

(\*)ITST, Vietnam: Institute of Transport Science and Technology, Ministry of Transport, Vietnam



(Meeting with Vice Minister Dr.Duc)

(Discussions at the 4thWS in ITST)

### 1. Short History of the Cooperation

This cooperation was kicked off at an occasion of the visiting of ITST at NILIM in TSUKUBA, May in 2010 with Vice Minister of MOT, Vietnam, when both institutes agreed to the Memorandum of the cooperation in the future scope, which means young and middle researchers be involved in the cooperation in order to keep communication continuously in a long term for making a knowledge network for mutual benefits.

Soon after the visiting, the first Workshop was held in Hanoi in September 2010 for the cooperation to proceed effectively. At the WS, making presentations and discussions to increase understanding of road and transport infrastructures in Vietnam and to introduce the technology and related experiences in Japan, Five topics ( Pavement, Traffic and Technology, Environment, Bridge and Tunnel, Port and Airport) were shared as the concrete themes of the cooperation going ahead.

As a proposal from ITST, the second WS was delivered in February 2011 to observe the branches of ITST and added a new theme of Intelligent Transport System for the presentations, and both institutes decided to conclude the discussions into the Joint Research Road maps so as to deepen the cooperation surely, together with sister organizations. And a short report of Hai Van Tunnel was drafted up by Japan side to recommend the detail survey for safety and the environment.

In the 3<sup>rd</sup> WS in May 2011 the both took notes in details of the Road Maps to make clear the technological targets of the joint researches to achieve the outcomes and a new theme of Weathering Exposure Test cooperation to be picked up officially. And as a special topics from Japan side the East Japan Great Earthquake happened in 11 March 2011 was explained in brief of its disaster situations and the swift countermeasures conducted in Japan.

Along with a series of WS activities, Technical Study Tour was delivered in June

2011, at the opportunity of which the delegation of ITST got lots of technological information in Pavement and Port in Japan and from Vietnam side the Thang Long Bridge issue in its maintenance and rehabilitation as a top priority of ITST and MOT, Vietnam was presented which is a strategic bridge on the main trunk route connecting the Noi Bai International Airport and the Heart of the capital Hanoi.

## 2. 4<sup>th</sup> WS in Hanoi

(Program)

On these backgrounds above, as also a ceremonial event of 55<sup>th</sup> Anniversary of ITST establishment, the 4<sup>th</sup> WS was programmed in Hanoi to make progress of the respective road maps with modifications and share some primary developments of the researches with laboratory test data (pavement materials) and related achievements. And in addition, as a topic of the WS, some technological recommendations for the Thang Long Bridge maintenance and rehabilitation are to be reported from Japan side.



(Brief results)

Concerning the Road Maps agreed in last year, the achievements were shared by both sides and a new Road Map focused on the evaluation of material durability added. And to fit the proceedings of the joint researches, notes in details were recorded as references to get the final targets. And especially in the WS, from Japan side the Performance Evaluation system was so highly recommended to be applied to Vietnam side. Vietnam side appreciated the importance of the performance evaluation. And both reaffirmed the strategy of the cooperation involving middle and young researchers/officers into actions should be continued to make knowledge networks from long scopes.

(Participants)

Japan: Director General of NILIM, Departmental Director of Road Research NILIM, Director of International Research and Promotion Division, Senior researchers of Road, Environment and Evaluation Division, NILIM Head and Senior Researcher of sister organizations

Vietnam : Vice Minister of MOT, Director General of ITST, Vice Director General ITST, and Senior researchers of Bridge, Pavement, Survey and International Division ITST and lots of researchers and officers from related Technology Centers

(Schedule)

31<sup>st</sup> Jan.

- (1)General Session: Opening and Keynotes
- (2)Technical Session and Survey

01<sup>st</sup> Feb.

- (1)Technical Session
- (2) Observation of Thang Long Bridge
- (3)Special Session for Thang Long Bridge
- (4) Integrated Session(New theme, and discussions into MINUTES)

02<sup>nd</sup>Feb.

- (1)Technical Tour
- (2)Discussions to the Next

(Venue) ITST and MOT in Hanoi, from 31<sup>st</sup> January to 2<sup>nd</sup> February

(International Research and Promotion Division)