

## TRILATERAL WORK SHOP FOR THE INTERIM REPORT SUCCEFULLY HELD IN TSUKUBA

According to the Memorandum of the cooperation between NILIM, MLIT, Japan and IRE (RDCRB) ARD, MPW, Indonesia, and the Memorandum of the cooperation between NILIM and ITST, MOT, Vietnam, the Trilateral Workshop for the Interim Reports of a series of the cooperative activities were successfully held in TSUKUBA from 25<sup>th</sup> June 2012 to 29<sup>th</sup>.

The cooperation has been focused on the connection of the middle and young researchers through the activities to enhance the knowledge network between Japan, Indonesia and Vietnam in the field of technology and policy-making in the sphere of Road and Transport.

Till today, between Indonesia and Japan 6 Research Road maps have been agreed and Workshops/Open Seminars were conducted both in Indonesia and Japan. Between Vietnam and Japan, 5 research Roadmaps have been formulated so far. The short histories of both activities are attached as Appendix 1 and 2.

In line with the program below, fruitful presentations and discussions were delivered and shared the achievements of the cooperation with all participants, being aimed to spread the bilateral to trilateral cooperation on the common issues in Asia.

### 1. Program

- (25<sup>th</sup> June) Workshop (1) in Tsukuba
- (26<sup>th</sup> June) Workshop (2), Technical tour in Laboratory in Tokyo
- (27<sup>th</sup> June) Local Workshop (3) and discussions
- (28<sup>th</sup> June) Technical tour for regional development and road/transport
- (29<sup>th</sup> June) Conclusion/Report Documentation in Tokyo

### 2. Work Shops

- (1) TS1:
  - Road map1/IRE (2-Motor cycle environment)
  - Road map1/ITST (Environment, Noise survey),
  - Road map4/IRE (Imaging processing traffic Survey)
  - Road map6/IRE (Black spots traffic accidents)
- (2) TS2:
  - Road map5/ITST (Durability, Painting)
  - Road map5/IRE (As-Buton research project),
  - Road map2-1/ITST (Porous asphalt)
  - Road map2-2/ITST (Deck water proof)
- (3) TS3: Local Workshop in Sapporo and Technical Tour
- (4) Conclusion/Report Documentation



Indonesia and Vietnam, both countries are emerging as new powers in the world economy and also while the development and the investigation is improving the quality of the life both countries, traffic congestion and accidents, and traffic noise etc are serious matters to be tackled, local materials mined in Asia being utilized efficiently in the scope of environmentally friendly Road and Transport systems as well.

In this regard, the cooperation has been conducted under the leaderships of three institutes and on a basis of the Interim Workshop, the cooperation is expected to proceed effectively to the final targets confirmed in the Roadmaps.



(International Research and Promotion Division)

(APPENDIX 1) Short history of the cooperation between NILIM MLIT, Japan  
with sister organizations and IRE ARD, Indonesia

2009.06 Pre-meeting in Jakarta and Bandung

2009.11 Tsukuba, MoU(C) agreed in general

2010.03 WS in Bandung at RDCRB(IRE) with Vice Minister

2010.06 Tsukuba, joint meeting for Bali coming symposium.

2010.10 International Symposium in Bali

(2nd WS to declare the strategy for cooperative researches)

2011.01 Jakarta in MPW (3rd WS to make the roadmaps)

2011.06 Sulawesi (4th WS to make the roadmaps II and site observation)

2011.09 Technological Tour in Japan for modernizing experimental

Equipments and Facilities of RDCRB(IRE)

2011.10 Lombok (5<sup>th</sup> WS/ Bilateral Seminar)

2012.03 Jakarta and Bandung (6<sup>th</sup> WS/ Needs survey (Water Resource)/ Road maps  
(Bridge/Tunnel) and Open Seminar (Tunnel))

2012.06 Batam (7<sup>th</sup> WS Road maps (Bridge/Tunnel) and Open Seminar (Long Span  
Bridge and Tunnel Technology))

(APPENDIX 2) Short history of the cooperation between NILIM/ PWRI, Japan  
with sister organizations and ITST, MOT, Vietnam

2009.06 Tsukuba, Agreement on MoU(C) (Vice Minister visited Tsukuba)

2009.11 Hanoi WS (Presentations in 5 field including Port and Airport,  
Discussions to identification of the themes of the cooperation)

2010.02 Ho Chi Minh/Danang WS (Joint Research in the branches of  
ITST, Drafting Road Maps, Short Report on Hai Van Tunnel)

2010.06 Study Tour in Japan according to the Road Maps

2010.07 3<sup>rd</sup> WS in Hanoi (Presentations and Discussions, Thang Long  
Bridge and other topics)

2012.03 4<sup>th</sup> WS in Hanoi (Weathering Test research added in the Maps,  
Short Report on Thang Long Bridge Pavement Issue)