

# The 12<sup>th</sup> JOINT WORKSHOP HELD IN TSUKUBA, JAPAN

13th March 2014

The 12<sup>th</sup> Joint Workshop for the technology and policy research of Road and Transport was held in Tsukuba by NILIM, Japan and IRE, Indonesia (\*) with sister organizations on 13th March 2014.

(\*)IRE, Indonesia: Institute of Road Engineering, Indonesia

The activities of 12<sup>th</sup> Joint Workshop are as follows:

- 1) Discussion Michinoeki
- 2) Discussion about Asbuton



The 12th Joint Workshop



Left ; Dr. Hermanto Dardak (Vice Minister of MPWRI),  
Right; Mr. Toshio SAKAI (DG of NILIM)



Left ; Dr. Hermanto Dardak (Vice Minister of MPWRI),  
Right; Prf. Taketo UOMOTO (Chief Executive of PWRI)

## 1. Discussion Collaborative Planning Activities both sides

### 1) Discussion Michinoeki

Mr. Toshio SAKAI presented on Michinoeki in Japan. He explained that Michinoeki is consist of three factors, which are communication, rest and information. The most important is communication factor.

Dr. Hermanto Dardak asked some points to clarify Michinoeki system, cooperation among ministries.

Both side agreed to cooperate for realizing Michinoeki in Indonesia.



### 2) Discussion about Asbuton

Mr. Kazuyuki KUBO explained some experimental result of guss asphalt using AsButon as alternative of TLA, and rheological properties of extracted AsButon.

Dr. Hermanto Dardak asked the availability of modifying extracted AsButon.

Both sides agreed to continue to cooperate for utilizing AsButon as natural asphalt resources in Indonesia.



## 2. Site visiting

- The old town of Tsuchiura-shi
- Smart City of Kashiwanoha in Kashiwa-shi

### 3. Reference (History of the Cooperation)

The National Institute for Land and Infrastructure Management (NILIM) and the Institute of road Engineering (IRE) signed cooperation arrangement in Indonesia, February 2014.

Under this memorandum, the NILIM and IRE will continually share research information by, for example, jointly holding technical seminars and will actively exchange researchers to strengthen links between NILIM and Asia and to form international human networks, thereby providing technical supports for the growth in Asia.

2009.06	Pre-meeting in Jakarta and Bandung
2009.11	Tsukuba, MoU(C) agreed in general
2010.03	Bandung, (1st Joint Workshop for targeting the themes)
2010.06	Tsukuba, joint meeting for Bali coming symposium.
2010.10	International Symposium in Bali (2nd Joint Workshop to declare the strategy for cooperative researches)
2011.01	Jakarta, (3rd Joint Workshop to make the Road maps (1))
2011.06	Sulawesi, (4th Joint Workshop to make the Road maps (2) and site observation)
2011.09	Technological Tour in Japan for modernizing experimental Equipments and Facilities of RDCRB (IRE)
2011.10	Lombok, (5th Joint Workshop / Bilateral Seminar)
2012.03	Jakarta and Bandung, (6th Joint Workshop including River and Water Resource issue)
2012.06	Batam, (7th Joint Workshop Road maps (Bridge / Tunnel) and Open Seminar (Long Span Bridge and Tunnel Technology))
2012.06	Trilateral Workshop for the Interim Report in Tsukuba
2013.01	Jakarta, (8th Joint Workshop Road maps (Road Environment/ IPT/ Traffic Safety/ Pavement/ Tunnel))
2013.08	Padalarang-Bandung, (9th Joint Workshop Road maps (IPT/ Traffic Safety/ Pavement/ Tunnel))
2013.11	Tokyo, (10th Joint WS Road maps (Tunnel/ Pavement))
2014.02	Jakarta, Labuan Bajo and Denpasar, (11th Joint WS Road maps (Road Side Station of Corridor 5/Road Environment/IPT/Tunnel/ Pavement))

(International Research Division)