The $18^{\rm th}$ JOINT WORKSHOP HELD IN BALI, Indonesia $21^{\rm st}$ March, 2017

The 18th Joint Workshop for the technology and policy research of Road and Transport was held in Bali, Indonesia by NILIM, Japan and IRE, Indonesia* with the sister organization on 21st March 2017.

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

The activities of 18th Joint Workshop are the report and discussion on pavement (AsButon Research Project).

1. Contents

In 21st March 2017, IRE and NILIM discussed the contents of "Manual for using Asbuton as gussasphalt mixture (draft)" which will be a foundation for the method to utilize natural asphalt (AsButon) to guss asphalt. This mannual is planned to be updated by IRE researchers according to the current situation of pavement materials in Indonesia.



Participants of the Workshop

2. Reference (History of the Cooperation)

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

Under this agreement, NILIM and IRE have been continually sharing research information by jointly holding technical seminars and exchanging researchers to strengthen links between both research institutes and to form international human networks, thereby to contribute the growth of Indonesia.

2009.06	Pre-meeting in Jakarta and Bandung
2009.11	Tsukuba, Memorandum of Cooperation agreed
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	Technical Tour in Japan for modernizing experimental Equipment 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 (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 Environment/ IPT/ Traffic
	Safety/ Pavement/ Tunnel)
2013.08	Padalarang-Bandung, (9th Joint Workshop (IPT/ Traffic Safety/
	Pavement/ Tunnel))
2013.11	Tokyo, (10th Joint Workshop (Tunnel/ Pavement))
2014.02	Jakarta, Labuan Bajo and Denpasar,
	(Cooperation Arrangement renewed, 11th Joint Workshop (Road Side
	Station of Corridor 5/ Road Environment/ IPT/ Tunnel/ Pavement)
2014.03	Tsukuba, (12th Joint Workshop (Michinoeki/ Pavement))
2014.10	Jakarta, (13th Joint Workshop (Tunnel))
2014.11	Bali, Flores and Buton, (14th Joint Workshop (Road environment/ Road
	Side Station/AsButon)
2016.02	Tsukuba, (15th Joint Workshop and Site visit (Pavement/ AsButon/ Road
	Side Station)
2016.02	Jakarta, Buton Island and Bali, (16th Joint Workshop and Site visit
	(Michinoeki/ Traffic Data Collection/ Pavement/ Tunnel)
2016.11	Bandung, Jakarta, (17th Joint Workshop and Site visit (Road Environment)