



# INTERNATIONAL SEMINAR ON ROAD SUSTAINABILITY AND GREEN TECHNOLOGY

The Westin Convention Hotel, Nusa Dua, Bali-Indonesia

23 and 26 April 2014

## FIRST ANNOUNCEMENT CALL FOR PAPERS



Organised in Cooperation by

World Road Association (PIARC)

Engineering Association of Asia and Australasia (REAAA)

Indonesian Road Development Association (IRDA)



# **INTERNATIONAL SEMINAR ON SUSTAINABLE ROAD AND GREEN TECHNOLOGY**

## **First Announcement/Call for Paper**

### **Introduction**

Progressive economic development of Asia and Australasia leads to remarkable need of infrastructure. Meeting such demand, we might risk our environment as well as put our future generation in difficult situation. Normally, strict regulations and strong environmental control are deployed to keep infrastructure development in balance with the need of conservation. This strategy, however, would not be easy to operate in growing world. Putting such policy on the ground is considered to slow down the development, which is unlikely to be the best option for those rely their economic performance to promote national welfare.

Thus, novel strategy, along with smart practices in construction and operation of infrastructure, to achieve better balance of development and environmental conservation is required. Inline with progressive movement in greenhouse gases emission reduction, infrastructure industry seems to come up with innovative solution. The introduction of measurement method of sustainability level, through rating system in construction and infrastructure industry, has been considered to be a smart way in improving sustainability performance infrastructure development. Inspired by greenships concept in building industry, The concept then was adopted in road development.

World Road Association (PIARC) in cooperation with the Road Engineering Association of Asia and Australasia (REAAA) and the Indonesian Road Development Association (IRDA) is planning to hold a joint seminar in trying to explore as many as possible of key areas of Green road and its derivatives. The seminar themed of Road Sustainability and Green Technology, will be held at the paradise island of Bali-Indonesia. Road administration, construction industry, academicians, research institutions, and other road development and greenships societies are welcome to participate in the seminar. This seminar will be held along with the TC 1.3 PIARC Meeting, the 99th REAAA Council Meeting, and REAAA Young Engineers and Professional Meeting.

The seminar is looking at the possible strategy and tactics to deploy in promoting the concept of sustainable construction and road operation through global exchange in policy and practices of green concept among road administration, researchers, academician, and stakeholders of road management. This would be expected to a gateway for better practices in road management toward sustainable infrastructure in developing countries.



## Topics

Speakers are expected to deliver lectures and presentations in accordance with the following topics:

- a. Interconnection between Environmental Sustainability and Green Technology through green road concept (proposed to be delivered by prominent professor and/or Greenroads Foundation and /or INVEST–Vicroads
- b. Standardization in Green Technology; roles of related institution in the development and standardization system setting
- c. Best Practices in Adoption of Green Technology; Policy, regulation/standardization, and implementation
- d. Best Practices in competency setting and certification in green technology implementation
- e. Incentive Policy in Green Technology Application; Financing, Procurement, and Rewards.

## Venues and Date

The seminar would take place at The Westin Convention Hotel, Nusa Dua Bali, Indonesia on April 23-26, 2014

## Methodology

The seminar is planned to be a two-days seminar consisting of Keynotes, Invited Speakers, and Technical Session. The technical session will be managed to cover 36 speakers in 1 and half day. The seminar will be concluded with one day technical visit and cultural program.

## Program

Wednesday April 23, 2014	Thursday April 24, 2014	Friday April 25, 2014	Saturday April 26, 2014
09.00 - 12.00 Opening Keynotes and Main Lectures	08.30 -10.30 Technical Seminar	08.00 - 12.00 Technical Visit Bali Mandara Tol Road, Ngurah Rai Airport, Dewa Ruci Underpass	08.00 - 16.00 Adventure Program and Tours Rafting at Tukad Ayung and Lunch in Ubud (Optional)
	10.30-10.45 Coffee Break	12.00-13.00 Lunch	
	10.45 -12.00; Technical Seminar	13.00 - 18.00 Visit to Mangrove Center and Bird Park/Cultural Program	
12.00-13.00 Lunch Break	12.00-13.00 Lunch Break		
13.00 - 15.30 Technical Seminar	13.00 -15.30 Technical Seminar		
15.30 -15.45 Coffee Break	15.30 - 15.45 Coffee Break		
15.45 - 17.30 Technical Seminar	15.45 - 17.00 Technical Seminar		
	19.30 - 22.00 Farewell Dinner and Cultural Program		

## Call for Papers

Technical Papers are invited for the seminar presentation and proceeding. Abstract should not exceed 150 words, be submitted in English, in editable electronic format (.docs, or. docx). Abstract should be emailed to: Ms Rully Uswatun, email: [rully.proker@pusjatan.pu.go.id](mailto:rully.proker@pusjatan.pu.go.id) or [seminar@pusjatan.pu.go.id](mailto:seminar@pusjatan.pu.go.id). The abstract will be reviewed by The Scientific Committee and accepted abstract will be notified to each author to proceed for a full paper.



## Important Dates:

Please be advised for the following dates:

2014, January 10; Dead line of Abstract Submission

2014, January 17; Notification of abstract admission

2014, February 21; Dead line of Full Paper submission

2014, March 07; Announcement of Review Results

2014, April 04; Submission of Final Papers

## The Committee

### 1) Scientific Committee

Members TC 1.3 PIARC and Green Technology Working Group-IRDA, consisting of:

- Prof. Ir. Agus T. Mulyono, M.Sc., Ph.D
- Dr. Ir. I.F. Poernomosidhi, M.Sc.
- Dr. Ir. Teguh Rahardjo, M.Sc.

### 2) Organising Committee and Contact Person

- IGW Samsi Gunarta, IRDA, email: [samsi.gunarta@gmail.com](mailto:samsi.gunarta@gmail.com)
- Hadjar Setiadji, IRDA, email: [hadjar65@yahoo.com](mailto:hadjar65@yahoo.com)
- Ade M. Karmenita, IRDA, email: [ademk\\_58@yahoo.co.id](mailto:ademk_58@yahoo.co.id)
- Zalilahwati Latif, email: [reaaa.technical@gmail.com](mailto:reaaa.technical@gmail.com)





## Supporting Institution



- Ministry of Public Works, Indonesia



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- PT Adhi Karya



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- PT Wijaya Karya



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