

Technical Committee 3.3 "Road Tunnel Operations"

PIARC Seminar

2nd Announcement

PIARC Seminar on "Sustainable Road Tunnel Operations"

23 – 25 October 2013

**Pullman Da Nang Beach Resort,
Truong Sa Street, Khue My Ward, Hanh Son District
Da Nang City, Vietnam**

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General Introduction

Seminar Overview:

The World Road Association in conjunction with the Viet Nam Road and Bridge Association (VIBRA) and supported by the Directorate for Roads of Viet Nam (DRVN) under the Ministry of Transport of Viet Nam, are pleased to announce an International Seminar on Sustainable Road Tunnel Operations that will be held in Da Nang City, Viet Nam from 23rd to 25th October 2013.

This seminar is part of the International Seminars Program promoted by the World Road Association. The seminar provides you with an excellent opportunity to share your expertise and experiences; to identify challenges and explore with colleagues innovative solutions for the benefit of all conference delegates.

The primary objectives of the seminar is (i) to exchange information on the technical issues regarding to road tunnel operations among countries in the world; (ii) to introduce challenges on road tunnel investment and management that Viet Nam facing then to seek advices from international experts for exploration of colleagues innovative solutions for Viet Nam and (iii) to provide opportunities on approaches and sharing information between Viet Nam experts and regional experts (from ASEAN countries) to International expertise on road tunnel operation activities and (iv) create a good networking for Viet Nam experts and regional experts with international colleagues.

The Seminar is open to members of the international experts on road tunnel operation who are interested in gaining and sharing knowledge on sustainable road tunnel operations. The participation of local and regional expertise in the process is an important and integral part of the overall seminar program.

Seminar Topics:

The Seminar provides an opportunity for speakers to address both technical and management issues broadly based on the following topics:

- Safety during road tunnel operations;
- Traffic management during normal situation and during incidents;
- Environmental issues in operations;
- Design for sustainable operations;
- National regulations for operations to reach a common level of safety and quality in operations in all the actual and future tunnels in the country;
- Technical visit : Hai Van Tunnel;

See details below;

The Seminar will feature:

- Plenary presentations by national and international speakers;
- Plenary panel discussions
- Facilitated theme-specific workshop
- Daily plenary conclusion and resolutions
- Technical tour

Social events to enable networking and further opportunities to explore topics discussed during the various sessions will be arranged to maximize the benefit that all delegates will get from attending seminar.

Seminar venue:

The seminar will take place from Thursday, 24th October to 25th October 2013 at the Pullman Da Nang Beach Resort, Da Nang, Viet Nam. The technical tour to Hai Van tunnel will be on Wednesday, 23rd October the follow by the Seminar.

Languages:

The official languages of the seminar are English and Vietnamese.

Delegates to the seminar:

The organizing committee anticipates that there will be strong attendance at the seminar with representation from:

- Member of World Road Association Technical Committee on Road Tunnel Operations;
- Vietnam (VIBRA members) and regional experts from Laos, Cambodia, Thailand, Japan and Korea;
- Representatives from Ministry of Transport of Viet Nam, Directorate for Roads of Viet Nam and relevant state agencies;
- Representatives from consultants, contractors, etc.,

Additional information:

Registration forms, fee and other information, please go to the below link:

<http://www.bookandpay.vn/events/international-seminar-on-sustainable-road-tunnel-operations-da-nang-beach-city-viet-nam/>

PROGRAMME

International Seminar on Sustainable Road Tunnel Operations

Wednesday, October 23rd : Technical visit to Hai Van tunnel

- 9h00** : Departure from Pullman Da Nang Beach Resort
- 9h30** : Briefing on Hai Van Tunnel Operation then visit to Hai Van Tunnel from the South to the North
- 11h30** : Lunch at Lang Co Beach (the North side)
- 14h00** : Return to the Pullman
- Afternoon** : Free time



Thursday October 24th : Pullman Da Nang Beach Resort

09:00 to 09:30 : Registration

09:30 to 10:30 : Opening session

09:30 to 10:00: Welcome and seminar opening by the Vietnamese and PIARC Authorities
Mr Ignacio Del Rey, PIARC Technical Committee 3.3 President
Mr Van Huu Chien, Chairman of Da Nang People's Committee
Mr Ngo Think Duc, Chairman of the Vietnam Bridge and Road Association

10:00 to 10:30: Mr Ignacio Del Rey, PIARC Technical Committee 3.3 President, UPM, Spain
PIARC and its Road Tunnel Operations Technical Committee

10:30 to 11:00 : Coffee break

11:00 to 12:30 : Session 1 : *Environmental issues during operation*

11:00 to 11:30: Mr Nguyen Huu Tien, Deputy Director General, Environment Department,
Ministry of Transport of Viet Nam
Environmental issues during road tunnel operation in Viet Nam

11:30 to 12:00: Mr Harald Buvik, Norwegian Public Roads Administration, Norway
Airborn dust and particle cleaning in road tunnels

12:00 to 12:30: Questions and answers

12:30 to 13:30 : Lunch

13:30 to 15:00 : Session 2 : *Design and construction method for sustainable operation*
Part 1 : Road tunnels in General

13:30 to 14:00: Transport Engineering Design Institute, Ministry of Transport of Viet Nam
Design and construction methods on Deo Ngang under mountain tunnel

14:00 to 14:30: Mr Bernard Falconnat and Mr Frédéric Walet, Egis Tunnels, France
Strategic issues and construction methods

14:30 to 15:00: Questions and answers

15:00 to 15:30 : Coffee break

15:30 to 17:00 : Session 2 : *Design and construction method for sustainable operation*
Part 2 : Under-river and urban tunnels

15:30 to 15:50: Mr Pham Anh Quan, Deputy Team Leader, East-West Expressway Project
management Unit, Ho Chi Minh People's Committee
Design and construction methods on Thu Thiem under-river tunnel

15:50 to 16:10: Mr Hao Ding, National Engineering Laboratory for Highway Tunnel Construction
Technology of China
*Enlightenment for Under-river Overpass Tunnel Project across Xiangjiang River
in China*

16:10 to 16:30: Mr Bernard Falconnat and Mr Frédéric Walet, Egis Tunnels, France
Concept and issues of Urban Tunnels

16:30 to 17:00: Questions and answers

19:00 : Official seminar dinner sponsored by Da Nang People Committee

Friday, October 25th: Pullman Da Nang Beach Resort

09:00 to 10:30 : Session 3 : Road tunnel operation

09:00 to 09:20: Mr Nguyen Dinh Bach, General Director, Hai Van Maintenance and Operation Company

Operation issues on Hai Van Tunnel

09:20 to 09:40: Mr Marc Tesson, CETU, France

Operational resilience of road tunnels

09:40 to 10:00: Mr Jorgen Holst, COWI A/S, Denmark

Optimization of Operation and Maintenance Activities and Costs for Road Tunnels based on Experience

10:00 to 10:30: Questions and answers

10:30 to 11:00 : Coffee break

11:00 to 12:30 : Session 4 : Road tunnel maintenance

11:00 to 11:20: Mr Pham Quang Vinh, Deputy Director General, Directorate for Roads of Viet Nam

Road tunnel maintenance issues in Viet Nam

11:20 to 11:40: Mr Jean-Claude Martin, CETU, France

Principles and rules for equipment maintenance in French state owned road tunnels

11:40 to 12:00: Mr Urs Welte, Amstein + Walthert AG, Switzerland

Life Cycle Management for Tunnel Equipment

12:00 to 12:30: Questions and answers

12:30 to 13:30 : Lunch

13:30 to 15:00 : Session 5 : Incidents response

13:30 to 14:30: Mr Leslie Fielding, London Bridge Associates, UK

Case studies of Hai Van tunnel emergency response plans and Hindhead Tunnel (UK) - Emergency response plans and procedures (video)

14:30 to 15:00: Questions and answers

15:00 to 15:30 : Coffee break

15:30 to 16:30 : Session 6 : Establishment of a Manual for sustainable operation

15:30 to 15:50: Mr Do Huu Thang, Deputy Director General, Science Technology Research Institute; Ministry of Transport of Viet Nam

Establishment of road tunnel operation: some practical outputs of Viet Nam experience

15:50 to 16:10: Mr Pierre Schmitz, PIARC TC 3.3 Vice-President, Brussels Mobility, Belgium

The PIARC Road Tunnel Manual: best practices over the world and references

16:10 to 16:30: Questions and answers

16:30 to 17:00 : Closing session

16:30 to 16:45: Mr Ngo Thinh Duc, Chairman of Viet Nam Road and Bridge Association.

16:45 to 17:00: Mr Ignacio Del Rey, PIARC Technical Committee 3.3 President

17:00 to 17:30 : Friendship glass