

BULLETIN OF THE WORLD ROAD ASSOCIATION NATIONAL COMMITTEES

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25th World Road Congress Seoul 2015

2 – 6 November 2015,
Seoul, South Korea



More information at:

<http://www.piarcseoul2015.org>



Editorial

Bojan Leben
Representative of World Road
Association National Committees

Dear colleagues,

This issue of NC Bulletin is the last one before the Seoul Congress in November 2015.

I hope you have all successfully registered for the Congress; the organizers are expecting a large attendance of experts from all over the world. The official program promises interesting and rewarding lectures, debates and a lot of other accompanying events. I am looking forward to meeting our friends from the Korean NC that have been working very hard this last couple of years to organize this event for us.

World Road Association National Committees will have also its own agenda and activities in Seoul. We will have an NC meeting on Sunday 1st of November 2015 where we will discuss latest issues and share our views for better future cooperation.

I would also like to inform you that, as usual at such large events, the World Road Association arranged a special space for its National committees, where electronic equipment will be available for our activities. We plan to enable you to present your national committee to the wider audience at this pavilion, located in the exhibition area of the congress. The timeslots for presentations have already been emailed to you and if you haven't yet applied for the presentation, please do so as soon as possible, so that we can arrange the order of presentations.

I would like to encourage you to take this opportunity and present your national committee, your activities and your home country. There will be enough timeslots available; if necessary, we will arrange additional ones. I would also like to remind you that there will also be presentations by the Committee on terminology that is perhaps one of the less visible technical committees of the World Road Association but certainly one of the most active ones.

So, once again, allow me to invite and welcome you all to Seoul and to the meeting of National committees. I am looking forward to our coming discussions.

Bon voyage, buen viaje, 즐거운 여행 – see you in Korea!

Opinions and comments to Bojan Leben at bojan.leben@zag.si

ARGENTINA



Presentation of publication the World Road Association's Snow and Ice Databook 2014

6th - 7th August 2015, Mendoza, Argentina

The above mentioned publication was presented to the general and expert public. In the debate at the seminar it was proposed to establish a similar data base of winter data in Argentina.

Update course on *Urban and rural road safety audits*

10th - 12th August 2015, Santa Rosa, La Pampa, Argentina

The course was organized by the Committee on Road Safety of Argentinian Road Association (AAC) with intention to educate auditors and road safety inspectors.

5th Conference on *Tunnels and Underground Space*

9th - 11th September 2015, Buenos Aires, Argentina

The conference is organized by AATES-ITA and sponsored by the Argentinian Association of Roads (AAC).

In September 2015 also, the presentation of the document *The challenges of Roads in Argentina* will be given to the technical teams of different presidential candidates for running the country from December 2015 onward.

Also in September, a Seminar on proposals to develop Strategic Plan for Road Safety Vision Zero in Argentina will be held.

Seminar on Advances in the development of a Geographic Integration System of Argentinian Road Network and incorporation of Spatial Data Infrastructure (SDI)

16th October 2015, Buenos Aires, Argentina

XVIII IBWC - Ibero Latin American Asphalt Congress 2015

16th - 20th November 2015, San Carlos de Bariloche, Rio Negro, Argentina

Congress will be organized by the Permanent Commission of Asphalt Argentina and sponsored by the Argentinian Road Association. The main goal is to discuss technical and scientific issues related to the good use of asphalt among professionals and experts from Ibero Latin American countries.

More information: <http://www.cila2015.com.ar/>

Seminar on Horizontal Signaling Manual

30th November 2015, Buenos Aires, Argentina

For more information on all above mentioned events, please visit: www.aacarreteras.org.ar

ECUADOR



The National Committee of Ecuador reports the following activities that took place from March until July 2015:

- review and analysis of draft Road safety manual;
- review and analysis of the World Road Association's Draft Strategic Plan for the period 2016-2019;
- seminar on prefabrication to post-tensioned for the construction of roads bridges elements;



- review and analysis of the report on Climate Change DOC CE-1504-21;
- review and analysis of the Draft of understanding with ITS America, DOC CE-1504-24;
- recognition Award by the National Committee of ECUADOR to CIA MAVISA (MATERIALS AND HOUSING SA) for their sponsorship of the various activities we do;



- regular meetings of the National Committee to act according to the guidelines of the Strategic Plan and organizing technology transfer activities in Ecuador.



ITALY

The Italian National Committee hosted two important international Technical Committees meetings:

Meeting of the World Road Association's Technical committee TC 4.1 Management of Road Assets

13th – 14th April 2015, Rome, Italy

The committee met at the premises of the Ministry of Infrastructures and transport historical library. The Italian national committee organized the two

days sessions and a technical visit to the working site of the new metro line "C" of Rome.

Meeting of PIARC Technical Committee TC 2.1 Road Network Operations

8th – 9th June 2015, Rome, Italy

Italy hosted the 7th plenary meeting for Technical Committee 2.1 *Road Network Operations*. Twenty experts from all over the world came to Rome in order to finalize the work the Committee has been doing for the Strategic Cycle 2012-2015. The INC welcomed our international guests at the prestigious Civita Foundation location facing Piazza Venezia.

The meeting was organized by the INC together with ANAS, the Italian National Road Company. Meeting activities were completed by the visit of ANAS National Traffic Control Center at ANAS Headquarters, where participants had the chance to observe how road network activities are managed along the Italian national road network thanks to the adoption of ITS systems.

Seoul World Congress

The INC is concentrating all its efforts on the organization of the Italian participation at the XXVth World Road Congress to be held in Seoul. Our experts are going to present their work at the poster session and Italy is going to show its expertise and technical know-how at the international exhibition.

At our Stand we will present both institutional road administrations and public road managing associations together with private worldwide known constructors such as Astaldi. As is our tradition in all international events, the artistic, architectural and natural beauties of Italy will be shown in videos and photographs for the pleasure of our visitors. The Italian National Committee has two new Government-appointed members: Gianni Vittorio Armani, President and CEO of ANAS S.p.A. and Elisa Grande, head of the legislative office of the Ministry of infrastructure and transport. PIARC welcomes both, wishing them a profitable and rewarding work.

JAPAN

World Road Association Annual TC Report Seminar of Japan

26th June 2015, Japan

Japan National Committee held its annual TCs Report Seminar on 26 June 2015. This seminar is not intended only for the World Road Association's related people but also for other road-related experts in Japan with the purpose of sharing achievements and activities of each TC. This time, the seminar was held for the presentation of progress of activities in this term in preparation for Seoul Congress. It focused on the achievements of the missions which each TC set at the beginning of current term for incorporating the outcome into Japanese road administration. The seminar had about one hundred participants and successfully ended with the interactive discussion.



International Symposium at the 31st Japan Road Conference

27th – 28th October 2015, Tokyo, Japan

International Symposium on ITS-based Toll Road System will be presented in the Conference. For this symposium we will invite experts from several countries in Europe and from United States.

Through their reports we hope to understand the system, different aspects of road policy and securing funds for the implementation.

SPAIN

Technical Conference on Geotechnical repairs of existing infrastructures

23rd September 2015, Madrid, Spain

In the last thirty years a great effort has been done to build transport infrastructures in Spain. Therefore the road and railway networks have increased considerably. This implies a considerable maintenance effort. But in some cases, due to unfavourable and unforeseen geotechnical conditions, major repairs have to be done. This conference will deal with road and railway works and is aimed at professionals involved in maintenance and repair works of transport infrastructures.



Technical Conference on Increasing capacity and safety of single carriage way roads

25th November 2015, Madrid, Spain

Most of the road network has an old urban structure: a single carriageway with two lanes, one for each direction. It is not surprising that when a conventional road, sometimes with an old urban structure, is successful and traffic increases, its capacity increases as well. Traffic safety is also affected. When the situation becomes untenable and demand can't be met, it is often imperative to increase the capacity of the road providing additional lanes, taking into consideration the available space of the cross-section. During this Conference we will study different possibilities to find the best solution for the road user.

For further information please visit our website: www.atc-piarc.com



Change at the head of the World Road Association Spanish National Committee/ Technical Road Association

Due to new organizational and restructuring process within our organization, at the Board Meeting on 23rd June 2015, Mr Pablo Sáez Villar was elected new Secretary of the Technical Road Association and Mrs María del Carmen Picón as the new Secretary of the World Road Association Spanish National Committee, replacing Mr José María Izard who assumed both functions until that date.

UNITED KINGDOM

The World Road Association National Committee in UK held its Annual General Meeting (AGM) on 21st July 2015. The meeting opened with a presentation from Caroline Toplis, Principal Consultant, Strategic Consulting, AECOM and Project Manager and Lead Author of World Road Association Special Project on International Climate Change Adaptation Framework for Road Infrastructure. The presentation was well received.

The members heard about the UK contribution to the World Road Association, particularly with respect to the 25th World Congress and the acceptance for verbal presentation of a number of the National Reports produced. Members also welcomed the publication of the report by the Security Task Force that was largely developed from the workshop hosted by the World Road Association National Committee in UK in London last year.

SPAIN

RUTAS Magazine

Number 163 of our quarterly Rutas Magazine has been published.



URUGUAY

Paper on *New resurfacing in Uruguay by applying a layer of concrete, reinforced with synthetic fibres using high performance technology*

Maintenance and rehabilitation of pavements that make up the road network of a country is a strategic resource to sustain growth. To this end, various methods and paving materials have been developed, which can provide the best technical and economical solution for a project.

The objective of this work is to convey the experience gained during rehabilitation of Route 24 in Uruguay, which involved the application of a concrete, reinforced with macro synthetic fibers, intended for small white topping, with adhesion to the layer of concrete existing asphalt. The authors have successfully addressed the key issues that previously were considered during the survey of the asphalt road, the characterization of fiber reinforced concrete (FRC), and the test results obtained during the quality control work.

As a final challenge, we worked rigorously on a key item of the project that is the bond between the new coat of HRF and the existing pavement. This was achieved from implementing a systematic



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work method for the intervention of the asphalt layer, which consisted of milling, texturing, high pressure water washing and maintaining a clean surface by blowing with compressed air, prior to concreting.

Note that adhesion is a fundamental pillar in the performance of this type of flooring, which since a few days after construction is enabled to traffic, and is being monitored, at the moment in perfect condition.

For full paper and more information please contact mrs. Ana Demonte at the World Road Association National committee of Uruguay:
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World Road Association Congresses

**XXVth World Road Congress,
2-6 November 2015**
Seoul, South Korea



Visit the website of the Congress for more information at:

<http://www.piarcseoul2015.org>