

NEWSLETTER OF THE PIARC NATIONAL COMMITTEES

September 2010

nº22



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EDITORIAL

Annual Meeting of National Committees 2010

20th October 2010, Budapest (Hungary), Marriott Hotel

The 2010 Annual Meeting of National Committees will take place on 20th October 2010 in Budapest on the occasion of the Council meeting. The preparations for this meeting are currently in progress. National Committees have been requested to complete their annual reports detailing their recent activities. The first of these reports have already been received and they show a wide range of activities, as well as examples of good practice and new ideas which are being implemented. The reports will be published on PIARC's website. In addition, some of the best ideas will be published in future editions of this newsletter.

On 19th October 2010, a meeting of the working group of National Committees is scheduled, in order to discuss the latest developments and emerging challenges for National Committees. The outcome of this meeting will be presented during the Annual Meeting.

There are a number of major topics to be discussed by National Committees at this Annual Meeting, including:

Representation of National Committees at the 2011 World Road Congress in Mexico.

All National Committees, with or without an own country pavilion, should be represented in the central area of the exhibition hall. The various possibilities for this representation are currently under preparation and will be presented to the General Secretariat. In addition, a proposal outlining further activities during the Congress will be discussed at the meeting.

National Committee Awards

By creating the "National Committee Challenge" Award for National Committees, the efforts made by the National Committees in carrying out activities and projects for the Association should be recognized. This annual Award should honour a National Committee that has developed a project that demonstrates initiative and leadership, and promotes PIARC in line with PIARC's mandate. A draft description of the Award criteria has been prepared by the Canadian National Committee and will be presented in Budapest.

Completing the Representatives Working Program

Given the current cycle, 2008 – 2011, it is now time for a mid-term review.

Firstly, the Analysis of National Committees is in progress. During the Annual Meeting, the representative will give a status report on this important work.

Secondly, the guide book, entitled "Why and How to create a National Committee", will be updated within the coming year. This is an important publication to guide groups or individuals in setting up a National Committee. Given the past experience of National Committees, it is proposed to include a new chapter providing guidance to newly-formed National Committees during their first years of operation. The representative will provide an update on this proposal.



Your opinions and comments to

Friedrich Zotter: friedrich.zotter@bmvit.gv.at

Early provisions for the next cycle, 2012-2015

It is an important task for the representatives of National Committees, to not only fulfil their obligations under the current cycle, but also to help lay the foundations for the success of the next cycle, by assisting in the development of the PIARC Strategic Plan for 2012 - 2015.

PIARC's Commissions are also working on this task. National Committees have been informed of proposals to broaden the scope of PIARC's Technical Committees. National Committees have also been asked to contribute to the development of the next strategic plan by responding to surveys. The status of the PIARC Strategic Plan for 2012 - 2015 will be presented and discussed at the Budapest meetings.

Finally, I would like to stress that observers from countries that do not have a National Committee are welcome to attend the Annual Meeting.

Friedrich Zotter

Representative of National Committees on the PIARC Executive Committee

NC news, events, seminars & conferences

JAPAN

New President of the Japan Road Association

At its General Assembly meeting in May 2010, the Japan Road Association elected **Mr. Kotaro Hashimoto** as the new president succeeding Mr. Hiroyuki Fujikawa. We would like to thank Mr. Fujikawa for his support to the group of National Committees and wish Mr. Hashimoto great success in his new position.



The contact details of Mr. Hashimoto are: hashimoto@road.or.jp

ITALY

A new logo for the National Committee was created in line with PIARC's corporate design.

Information at: www.aipcr.it/



CANADA

Annual Board Meeting of CNC

25th - 27th September 2010, Halifax



The Annual Board Meeting of CNC, including the Board of Directors, the National Organizing Committee for the Mexico 2011 World Road Congress, a meeting of Canadian representatives/participants in the Technical Committees of PIARC, as well as CNC's Round Table with the theme: "Facing new realities with the use of good governance" and the 2010 General Assembly will be held in Halifax from 25th to 27th of September.

Information at: www.cnc-piarc-aipcr.ca

SLOVENIA

New President of NK PIARC Slovenia

The new President of the Slovenian National Committee is **Mr. Vili Zavrlan**, who was elected at the 2010 Assembly meeting of NK PIARC Slovenia together with four new board members. It is a great achievement when younger professionals join PIARC in important positions and we wish Mr. Zavrlan and his colleagues great success in their new positions.

Further information at: www.nc-piarc.si

SWITZERLAND



Annual conference of the Swiss National Committee

11th November 2010 in Berne

The annual conference of the Swiss National Committee of PIARC will be held on 11th November 2010 in Berne.

For details contact: www.vss.ch



CHINA

International Seminar on Risk and Emergency Management for Roads 11th -13th November 2010, Beijing

The PIARC international seminar on 'Risk and Emergency Management for Roads' will be hosted by The World Road Association and the Ministry of Transport of the People's Republic of China. The seminar will be held in Beijing during 11th and 13th November, 2010.

The main objective of the seminar is to provide a platform for participants to exchange ideas on risk management in road operations and especially, the establishment and implementation of contingency plans and emergency rescue.

The main themes of the seminar are:

- Introduction of risk and emergency management theory and techniques in the road sector;
- Best practices in risk management associated with natural and man-made disasters and climate change in the road sector;
- Best practices in contingency planning and emergency response to natural and man-made;
- disasters and climate change in the road sector;
- Social Acceptance of Risks and their perceptions in road-related activities.

Further information at:

http://www.piarc.org/en/congresses-seminars/2983.htm

or contact: ry.bai@rioh.cn



COSTA RICA

Seminar on Safer Road Operations

10th – 12th November 2010, San José

The International Seminar "Safer Road Operations" is co-organized by the World Road Association, the Public Works and Transport Ministry of Costa Rica (MOPT) and the Costa Rican Transport Engineering Association. The Seminar has the support of the Roads Directors Council of Iberia and Ibero-America (DIRCAIBEA).



The primary objectives of the Seminar are:

- Sharing best local, regional and international practices and experiences in road safety policy and planning;
- Understanding the social factors that influence sound road safety planning and implementation; and
- Highlighting best practices in implementing road safety policies.

Theme 1 - Road Safety Policies and Plans

This includes local authority policies and plans, effects of traffic legislation and regulations on road safety (enforceability, education and preventive measures), integration of national and local road safety policies.

Theme 2 - Social Aspects of Road Safety

Integrating gender issues into road safety, civil liability and/or enforcement of road safety legislation with regard to road infrastructure, the involvement of civil society in road safety (crash victims support groups, emergency service authorities, private companies, etc.), inclusion of road safety education in civil society and raising awareness of a road safety culture change, traffic-related violence and social inequities in road safety.

Theme 3 - Good Practice on Road Safety

This includes road safety campaigns (radio, TV, newspapers, etc), prioritising investments in road safety (case studies), traffic control enforcement execution (or implementation) and effectiveness, application of information and communication technology to road safety strategic actions, and technological implementations for road safety (automatic speed control, vehicle advancements, etc).

Information at: www.piarc.org/en/congresses-seminars/2940.htm



FRANCE

"Interoute & Ville" Conference

26th - 28th October 2010, Metz



This event is dedicated to road and transport infrastructures in urban and interurban environments. For three days, it will bring together representatives of government bodies, political decision-makers, elected representatives, project owners and project managers, architects and engineers, all working towards territorial mobility and development.

This biennial meeting, a benchmark in France, consists of a conference with high technical value and an exhibition showcasing the global excellence of French road technology, with over 250 exhibitors in an area of over $10,000 \text{ m}^2$.

INTEROUTE & VILLE is supported by all players in the sector and is sponsored by the French Ministry of Ecology, Energy, Sustainable Development and the Sea, the French Mayors' Association and the Assembly of French Departments. It is the key event of 2010 for the road community.

Now, more than ever, this exhibition and conference, addressing current concerns in respect of land use planning and urban development, is in line with the philosophy of sustainable development, adopted by central European administrative bodies and local authorities.

The French National Committee will have the booth n°C041.

For more information: maryvonne.lanoe@comexposium.com or maud.carcy@comexposium.com

And to help you organizing your trip, contact Françoise Monin tel: +33 (0)6 86 92 45 55, françoise.monin2@wanadoo.fr

GERMANY

German Road and Transportation Congress and exhibition 'Road and Transport 2010' 15th -17th September 2010, Mannheim



The German Road and Transportation Research Association (FGSV) is hosting the German Road and Transportation Congress 2010 with the exhibition 'Road and Transport 2010' at the Congress Centre Rosengarten in Mannheim. 1,200 people are expected to attend the Congress.

On-line registration is available at: www.fgsv.de

INDIA



International Seminar Reducing the Carbon Footprint In Road Construction

17th -19th February 2011, New Delhi

The Seminar is being organised jointly by the World Road Association and the Indian Roads Congress, together with PIARC Technical Committees and supported by the Ministry of Road Transport and Highways, Government of India.



Background

The mitigation of greenhouse gas emissions and the reduction of the consumption of natural resources are now on the agenda of all countries throughout the world and for all sectors of human activity. Road construction is no exception. Reducing the carbon footprint in road construction is then a very topical issue which in turn has promoted innovations and a change in the number of approaches in the design and construction of road infrastructure.

Objective of Seminar

The main objective of the Seminar is to provide a common platform for practitioners to acquire up-to date information on the latest innovative approaches and products which contribute to reducing the carbon footprint in road construction, to share experiences and discuss the associated issues and challenges.



Themes

The Seminar will cover the following themes:

I: The context in India – The Highway Development Programme

II: Determination of the carbon footprint of road works

(Modeling, data available, methodology, comparison made between construction works, etc.)

III: Road design for reduction of the carbon footprint

(Design of earthworks and pavement, life-cycle cost analysis, etc.)

IV: Innovative bituminous techniques to reduce energy consumption and reduce greenhouse gas emissions

(Concepts of warm bituminous mixtures, new binders, innovations in emulsions and flux, innovations in hot-mix plants, adaption of standard laying procedures, benefits and experience gained with these techniques, etc.)

V: Use of local materials

(Benefits from stabilization of soils, use of marginal and local materials in earthworks and pavement construction, innovations in hydraulic binders, experience gained in soil stabilization, etc.)

VI: Recycling and preservation of fossil resources

(In-place and in-plant recycling, experience with high RAP content, comparison with conventional methods of rehabilitation regarding the reduction of the carbon footprint, etc.)

More Information available at: www.irc.org.in or www.piarc.org/en/congresses-seminars/3037.htm

SPATN

11th International Symposium on Concrete Roads

13th -15th October 2010, Seville

The Spanish Cement Association (OFICEMEN), the Spanish Institute of Cement and its Applications (IECA), the European Concrete Paving Association (EUPAVE) and the World Road Association (PIARC) are pleased to invite you to take part in the eleventh edition of the International Symposium on Concrete Roads which has an emphasis on the exchange of knowledge and experience.



"The answer to new challenges": climate change, economical constraints, skills shortages, rising oil prices – no matter what obstacles our fast-changing world presents, concrete roads can meet the challenge. Careful planning, cost efficient designs, sustainable construction and focused maintenance are key issues when discussing concrete roads. Past experience has provided us with a wealth of knowledge and modern day alternatives and innovative special applications provide direction for the future.

The technical sessions of this symposium will assist the participants to find the answers to new challenges. Be an informed part of a quality roads infrastructure future in concrete! See you in Seville!!!

For more information, contact: **marketing@oficemen.com**Updated information is available on **www.2010concreteroads.org**

Other NC activities and examples of good practice

AUSTRALIA AND NEW ZEALAND

Austroads course information:

ARRB knowledge transfer workshops in 2010

ARRB (the Australian Road Research Board) develops and delivers high level training workshops and explanatory seminars, based on Austroads publications, using internal technical experts, specialist consultants and staff from road authorities.

Throughout 2010, ARRB is running a series of workshops throughout Australia and New Zealand covering subjects such as roundabouts, road network management, community road safety and bridge inspections.

For detailed information about times, dates and locations visit www.arrb.com.au

CPEE knowledge transfer Short Courses and Distance Learning in 2010

CPEE (Centre for Pavement Engineering Education) delivers targeted specialised short courses and workshops in the roads and pavements technology field, using presenters





acknowledged as authorities in their field from specialist consultants, industry practitioners and state road authority technology experts. This provides attendees with a quality blend of up-to-date knowledge, practical experience and interactive learning. Continuing professional development and enhancement of attendees' skills and capability are outcomes that provide excellent value.

The Courses are designed for intensive uptake of primary knowledge on the selected topic and provide an ideal base for further learning, or as an extensive induction to the topic. Those intending to undertake Distance Learning study also offered by CPEE, either by single units, or as part of a Post Graduate qualification (Grad Cert. or MTech. in the roads or pavements engineering field) will benefit from the Short Course overview of the more extensive learning associated with the detailed study associated with a Distance Learning Unit. The Distance Learning mode of delivery allows students to study while they work whether they are located around the corner or on the other side of the world.

Austroads Guides provide the substantial base of information on which much of the CPEE educational effort is based. For details on Distance Learning Programs or the Short Course topics, content, dates and locations, simply access the CPEE website www.pavementeducation.edu.au

CANADA

CNC-PIARC Prizes 2011



The CNC of PIARC launched a competition for the "CNC-PIARC Prizes 2011" to showcase the importance of road and transportation sectors. The competition will take place alongside the "World Road Association Awards" being organized for the XXIVth World Road Congress to take place in MEXICO CITY in September 2011. The Canadian Society for Civil Engineering has agreed to manage the national competition and establish a selection committee.

A prize will be awarded in each of the following three categories:

- 1. Young professionals (each of the co-authors is under 30 years of age),
- 2. Innovation; and
- 3. Sustainable development.

The judging panel will evaluate papers on the basis of the following criteria: Excellence, innovation, applicability, practicality, multi-disciplinarity and balance among the different modes of transport.

The invitation and rules will be found on-line at the CSCE Web site http://www.csce.ca

ITALY



Piero Maggiorotti – prize competition

A prize competition for road engineers has been launched by the Italian National Committee ("Premio Piero Maggiorotti"). The scope and objectives as well as the terms for participation and deadlines can be found at: www.aipcr.it/

NORDIC ROAD ASSOCIATION AND BALTIC ROAD ASSOCIATION

NordBalt Transportation Libraries

The NordBalt Transportation Libraries consist of special libraries, situated in Denmark, Estonia, Finland, Iceland, Latvia, Lithuania, Norway and Sweden, which focus exclusively on roads and transportation.





These transport-orientated libraries provide the NordicBalt transportation community with publications and information on roads and road transportation issues. They also disseminate the results of R&D.

Contact the participating libraries and information centres:

Danish Road Directorate Library www.vd.dk, bib@vd.dk

Latvian State Roads Library www.lvceli.lv/en/?i=1, Marianna.Bluma@lvceli.lv

Swedish Road Administration Library www.vv.se/library, vagverket.biblioteket@vv.se

Technical Center of Estonian Roads Ltd. Library www.teed.ee, luule.kaal@tehnokeskus.ee

Transport and Road Research Institute www.tkti.lt

V-Library Traffic and Road www.vhuset.lth.se/index.php?id=15629, birgitta.akerud@tft.lth.se

Finnish Transport Agency Library www.tiehallinto.fi/library, kirjasto@liikennevirasto.fi

Norwegian Public Roads Administration Library www.vegvesen.no, biblvd@vegvesen.no

VTI Swedish National Road and Transport Research www.vti.se/bic-English, www.transguide.org, bic@vti.se Icelandic Road Administration Library www.vegagerdin.is, imp@vegagerdin.is

Institute of Transport Economics (TØI) www.toi.no, toi@toi.no

Central organization for traffic safety in Finland www.liikenneturva.fi/en/library/index.php, kirjasto@liikenneturva.fi

More information at: www.nvfnorden.org



PORTUGAL

PIARC representation at IRF World Road Congress



In May 2010, the President of PIARC, Mrs. Anne-Marie Leclerc, made a presentation at the 16th World Road Congress of IRF in Lisbon.

At the Congress exhibition, a PIARC exhibit was organised by the PIARC General Secretariat. Part of the exhibit was shared with the Portuguese and Spanish National Committees for promotion of their activities. The PIARC Congress in Mexico was also promoted by Mexican representatives.

The First Delegate of Portugal, Mr. Alberto Moreno, invited Mrs Anne-Marie Leclerc to attend a meeting held on 24 May 2010, organised by the Institute for Road Infrastructures, IP (InIR) with road directors of African and Portuguese-speaking countries. At this meeting, Mrs Leclerc made a presentation, introducing the World Road Association and its activities to the members of these countries.

For further information please contact: maria.dourado@inir.moptc.pt

NC Publications and software

AUSTRALIA AND NEW ZEALAND



Heavy Vehicle Brake Safety on Long and Very Steep Roads

Austroads commissioned the Australian Road Research Board (ARRB) to conduct a project whose objective was to improve knowledge and understanding of heavy vehicle brake safety on Environment 3 roads (long steep and very steep roads) in Queensland. This was achieved through a three-stage project. This document details all three stages in the order they were undertaken. Stage 1 involved a literature review. The topics covered in the literature review reflected the issues relating to heavy vehicle brake safety on long steep and very steep roads. Areas of study

included a description of service brakes and auxiliary braking devices, intelligent transport systems (ITS) pertaining to heavy vehicle braking on slopes and both Australian and international braking regulations. Stage 2 was an analysis of available crash data to examine the magnitude of this issue. Only data from Queensland and New Zealand was able to be analysed as it contained the required information regarding each crash and had an acceptable volume of incidents. Stage 3 involved a vehicle test program where the performance of two articulated heavy vehicle combinations was investigated. Driver behaviour was also of interest, specifically how the various auxiliary braking technologies were understood and used.

Optimising Binder Performance - Proceedings: Austroads National Workshop - Performance Requirements of Sprayed Seal Binders

Effective performance of bituminous binders in sprayed seals is a vital element in contributing to the overall performance of the sealed road network in Australia. Austroads has identified the maintenance of a minimum level of technical research capacity in bituminous surfacing as one of the four key research areas to be supported by Austroads as part of the Austroads Technology Program. To assist in defining research needs, a national workshop was proposed with the primary objective of defining performance requirements of sprayed seal binders through



input from relevant stakeholders. A one-day workshop was held at ARRB Group, Melbourne on 24 November 2009. Groups represented included state road authorities, local government, contractors, bituminous product suppliers and manufacturers, and research organisations. Representatives from the stakeholder groups were invited to make a presentation that then became the basis for discussion in break-out groups. The discussions were subsequently summarised and prioritised for referral to Austroads, for consideration in the development of specific research projects.

Guide to Road Tunnels - Part 1: Introduction to Road Tunnels



Part 1 of the Guide to Road Tunnels is intended to provide an overview of the requirements for new road tunnels in Australia and New Zealand, setting out the essential factors to be considered in the planning, design, operation and maintenance of road tunnels in these countries. It provides guidance on the planning process to ensure that all of the necessary factors affecting the design, construction, maintenance and operation of the tunnel under consideration are adequately considered. It does not cover the requirements for upgrading existing tunnels. The requirements

for fire and life safety are often fundamental to the design of a tunnel and can have significant impact on the dimensions of the tunnel and the ancillary equipment. This part introduces the process to be adopted to establish the fire and life safety requirements and refers to appropriate sources of information (including Parts 2 and 3) to determine the needs for the particular tunnel in question.

These and other Austroads publications are available at: www.onlinepublications.austroads.com.au

CANADA-QUEBEC

Bulletins

The quarterly bulletins of the Québec National Committee are available on www.agtr.gc.ca for free download.

The June 2010 edition (Volume 8, Number 2) covers a report on the participation of the Quebec National Committee in the 45th Congress of the Quebec Transport and Road Association (AQTR) in March and a contribution on the prize competition of PIARC-Quebec.

Every year, the AIPCR-Québec Committee holds a competition awarding prizes to the authors of the three best submissions. The 10th competition was launched in fall, 2009. Prizes have been awarded at the AQTR annual congress in April, 2010.

Read more at: www.aqtr.qc.ca



EXIDITA

Since 1937, the Indian Roads Congress (IRC) fulfills the role of a National Committee in India. New releases of the IRC have been just published:

IRC:67-2010 "Code of Practice for Road Signs"

IRC:SP:85-2010 "Guidelines for the Design of Variable Message Signs"

IRC:SP:86-2010 "Guidelines on Selection, Operation and Maintenance of Paver Finishers"

MORTH Guidelines for Expressways Volume I & II IRC:24-2010 released during Munnar Council meeting

Additional information at: www.irc.org.in

SPATN

Nº 138 - Revista Rutas

N o 138 of the Spanish National Committees Roads Magazine "Rutas" – May/June 2010 has been published.



Index:

- Open Forum: The new scenario of road investment
- Interview: Interview with Ms. Laura Alba Square, Minister of Public Works, Transport and Communications of the Government of Navarra
 - Technical Tour:
 - Paving eternal: Innovative Actions 35 years ago. "La Y de Asturias"
 - Issues of human factors in highway design

More information available at: www.atc-piarc.com

UNITED KINGDOM

The UK-National Committee is presenting new PIARC Technical Committee Reports on its website:

"The UK-NC is pleased to provide you information about the productions of the PIARC Technical Committees. Enclosed is a one-page summary of 5 technical reports that have been recently released. The reports are available free of charge in the PIARC Virtual Library as PDF file at: http://publications.piarc.org/en/":

- SUSTAINABLE INTERURBAN ROADS FOR TOMORROW
- PRICING AS A TOOL FOR FUNDING AND REGULATION IN AN EQUITY'S PERSPECTIVE
- LONG LIFE PAVEMENTS AND SUCCESS STORIES
- PIARC CATALOGUE OF DESIGN SAFETY PROBLEMS AND POTENTIAL COUNTERMEASURES
- TOOLS FOR TUNNEL SAFETY MANAGEMENT

You will find a summary of the reports on the UK-NC website **www.piarc.co.uk** as well as the link to the PIARC Virtual Library as shown above.



PIARC Congresses

245TH WORLD ROAD CONGRESS

26 - 30 September 2011, Mexico City

The 24th World Road Congress of the World Road Association will be held in Mexico City from 26th to 30th September 2011 at the Banamex Conference Center.

The theme of the Congress is: Mobility, Sustainability and Development

Strategic Themes

In accordance with the strategic plan 2008-2011, the strategic topics will be:

- Sustainability of the Road Transport System.
- Improving Provision of Services.
- Safety of the Road System.
- Quality of Road Infrastructure.

The event will bring together:

- Over 4,000 road and road transport specialists, representing over 100 countries.
- 50 road ministers and secretaries of state.
- Technical exhibition area of over 130,000 sq. ft.

Reserve your space in the exhibition now!

www.aipcrmexico2011.org



14th International Winter Road Congress 2014 4-7 February 2014, Andorra la Vella (Andorra)



The 14th International Winter Road Congress in 2014 will be held in Andorra la Vella. With its privileged geographical situation and unsurpassed climatic conditions, Andorra is the perfect setting for holding this important Congress on winter service.

Visit the website of the congress for further information:

www.aipcrandorra2014.org

Your opinions and comments to

Friedrich Zotter: friedrich.zotter@bmvit.gv.at

