




# XHUMANISA

connecting delegates

**AIPCR 2003 PIARC** Durban • Connecting the World  
**XXII WORLD ROAD CONGRESS**  
 XXII<sup>e</sup> Congrès mondial de la Route

- Weather**  Cloudy at times, morning & evening rain (30%)  
 Minimum 17°C / 63°F Maximum 23°C / 73°F  
 Sunrise @ 05:07 Sunset @ 18:13
- Exchange Rates** US \$ = R6.99; £ = R11.84; Euro = R8.24;  
 CAD \$ = R5.34; MX Peso = R0.62; Yen = R0.06
- Essential Contact Number** Emergency - Urgences -  
 Emergência - Emergencia  
 10111

## SIYABONGA THANK YOU



Olivier Michaud,  
President of PIARC

### AU REVOIR UNTIL 2007

Congratulations on a successful XXII<sup>nd</sup> World Congress that has attracted 3 000 delegates from 108 countries.

Much has come out of deliberations during the last six days. There have been some exciting innovations, for example Public Private Partnerships and the World Interchange Network (WIN) – innovative in terms of research and operations.

But in my opinion the most exciting is the new Manual of Road Safety developed by C13. Hopefully it will become a best seller!

I would like to thank all those who have made the congress such a success – both from South Africa and from PIARC. Thanks also to those who were involved in all aspects of the Sessions.

The mantra of this Congress is that the ‘road to development begins with development of the roads’. Access to mobility is a basic social service, without which people cannot reach hospitals, schools, work.

I am convinced that over the next decade we will become better equipped to meet the constant increase of mobility and the demands of our stakeholders, the road users.

Thank you very much for your participation in the Congress.



### CLOSING MESSAGE BY NAZIR ALI CEO OF THE SOUTH AFRICAN NATIONAL ROADS AGENCY (SANRAL)

We have come to the end of more than a week of intense discussion. What I have to say now can never be more than a snapshot or collage of a very wide interplay of ideas and technologies that will, I am sure, mesh into new formats over time.

The opening ceremony, and various interludes of entertainment, will have demonstrated to overseas delegates, I am sure, the energy and exuberance of the approach of South Africans to music and dance; the way it reflects the rich human diversity of our country and transcends superficial ethnic and other differences. I do believe we are putting the same energy and exuberance into meeting the great material and technical challenges we face, especially in the area of unlocking potential through the development of transport networks. It is uplifting to know that we – and the other African nations - have the understanding and support of so many in the PIARC family.

It has been a privilege for the South African National Roads Agency Ltd to organise this World Congress. We set out to make it a success and the feedback we have had has been highly encouraging.

This XXII<sup>nd</sup> PIARC World Road Congress was more than a theoretical discussion forum. It addressed real issues and sought solutions. It was well attended by representatives across all sectors related to transport and it was encouraging to see so many foreign government ministers attending.

The highly productive Ministers’ Session on Monday set the tone for the rest of the Congress. The informed and constructive comments of all role-players highlighted the challenges that we in transport infrastructure still face in terms of sustainable development. However, this Session also gave grounds for optimism. A number of initiatives were put into place to achieve this objective.

NEPAD – the New Partnership for Africa’s Development – was an important sub-theme of the Congress and, quite obviously, the success of NEPAD is going to depend to a great extent on the successful development of road networks to connect African countries with one another and with the outside world.

Other objectives of the Congress included Road Technology; Road Transport, Livability and Sustainable Development, Road and Road Transport Operations; Management and Administration of the Road System; and Appropriate Levels of Road and Road Transport Development.

It has been memorable Congress in which I believe we have made real progress toward our objectives. I thank you for being here and for your invaluable contributions.

### FROM SOUTH AFRICA



# THE END OF THE CONFERENCE BUT NOT THE END OF THE ROAD

Message from South Africa's Minister of Transport, Dr Abdulah Omar

We have reached the end of the XXIInd PIARC World Road Congress and it has been both a pleasure and privilege to host such an all-important event.

I am confident that delegates will have gained new insights into the wealth of topics discussed – infrastructure development, sustainability, technology transfer, environmental and safety concerns, amongst others – and I hope that these will be translated into practical outcomes at home.

I acknowledge everyone's attendance at the Congress - fellow ministers, guest speakers for their excellent contributions and sharing of knowledge, delegates, and the media – all of whom have participated in various ways.

I am grateful to the sponsors, without whom the Congress would not have been possible, and also to the exhibitors for such a wonderful display of the latest technological and product innovations.

On behalf of the South African Department of Transport, I thank the South African Organising Committee, whose efforts over the last four years have succeeded in pulling off such a successful Congress. I also thank the Secretariat and the ICC for their role in making the Congress possible

In conclusion, may I wish delegates well for the next congress, which will be taking place in Paris in 2007, and I encourage everyone to find ways to keep 'connecting the world'.

Enjoy the rest of your stay in beautiful South Africa and may you have a safe journey home.



## TILL NEXT TIME PATRICE PARISÉ



Je souhaite remercier et féliciter encore une fois les organisateurs de ce 22ème congrès mondial de la route, qui nous a comblés par la richesse de ses débats comme par la chaleur de l'accueil fait aux congressistes.

C'est à la France que l'AIPCR, à la clôture de ce congrès, va remettre le flambeau pour l'organisation du prochain, 99 ans après le premier congrès mondial.

Beaucoup de choses ont changé en 99 ans, mais l'esprit de l'AIPCR et la richesse de son activité restent intacts, et le congrès de 2007 pourrait s'ouvrir par les mêmes mots que ceux que prononçait Louis Barthou, alors ministre des Travaux Publics, des Postes et des Télégraphes de France, en 1908 :

« Faites [les routes] robustes, avenantes, agréables, afin que les peuples rapprochés apprennent de plus en plus à se connaître et poursuivent, avec une confiante ardeur, l'œuvre de civilisation solidaire qui fera l'humanité meilleure ».

Le congrès de 2007 sera bien entendu l'occasion d'un bilan sur un siècle de travaux, d'échanges et de collaboration entre les pays, mais il sera d'abord, comme celui de 1908, tourné vers l'avenir, tant il est vrai que, riche de la force de ses 100 Etats membres (et combien en 2007 ?), forte de la puissance de travail de ses 2 000 adhérents, l'AIPCR semble à chaque congrès plus jeune.

La France a soutenu l'AIPCR, tout au long de son chemin, dans ses ambitions de développement, de solidarité et de partage.

En organisant ce congrès, la France souhaite faire partager sa confiance dans la capacité de notre association à relever les défis de demain.

J'invite donc l'ensemble des membres de l'AIPCR à venir travailler, visiter nos routes, et nos ouvrages d'art, rencontrer nos professionnels, et bien entendu, goûter nos spécialités et visiter notre pays, à l'occasion du XXIIIème congrès mondial de la route,

## PIARC PRIZE WINNERS



Bernd Raubal - Not many of us, when passing through a traffic roundabout, would even consider the design element involved, but Austrian civil engineer Bernd Raubal has devised an innovative new design, which earned him the PIARC Prize for Construction Maintenance and Operation of Roads 2003.

PIARC Prize Winners for Developing Countries' Issues, Mr. Takeshi Yoshida, Mr. Satoshi Ueda, Mr. Fujio Ito and Mr. Yukihiro Yudasaka received their award for their essay: Analyzing The Poverty-Reducing Effect of Road Improvement.



# BEYOND 2003: EXPANDING WORLD – DIMINISHING SPACE

One of the critical issues to be addressed in the field of transportation, liveability and sustainable development is the growth of population, and hence road traffic, in the urban areas of the world.

World population will grow by 50% from 6.1 billion in mid-2001 to 9.3 billion by 2050. By 2025, the total urban population is projected to double to more than 5 000 million people; 90% of this increase is expected to occur in developing countries.

This growth, and the growth of the world's economies, is causing consequent growth in private car ownership; this is a worldwide trend. The number of motor vehicles worldwide could grow from a recorded 580 million in 1990 to 816 million by the end of this decade.

This trend affects developed, developing and countries in transition. This growth results in increasing pressure on the infrastructure of our urban areas, causing congestion, pollution and reducing quality of life.

In facing the challenges presented by global population expansion, the C10 Committee of the PIARC/World Roads Congress has, over the past 4 years, been exploring possible solutions to future pressures on existing urban infrastructure.

Four key areas were identified:

- Sharing the main street; resolving competing claims for space in the main streets of urban areas.
- Land use and transport policies in urban areas; dealing with the growing issues of world urbanisation and congestion by addressing the relationship between urban infrastructure and road infrastructure.
- Transport Interchanges and Urban Development; promoting transport networks for efficient passenger and freight services.
- The evaluation of transport performance measures for cities, implementing monitoring systems to successfully and effectively evaluate the performance and successes of all initiatives

Amongst the conclusions arising from the session, the committee resolved to:

- Continue to Improve communication channels
- Continue reinforcing the links between urban planning and travel/transport policies
- Encourage greater consistency between town planning, housing, travel, leisure and service policies
- Integrate private, public and freight transport and promote non-motorised traffic
- Continue the long term collection of data on the panel of cities across the continents (amongst which are Durban, Cape Town and Johannesburg) and measure the shifts in policies
- Continue collecting real empirical data on effects of land use and transport policies

As in other sessions throughout the conference, it was determined that there is a need to put more focus on the demand side (what people really need/want), instead on the supply side (concepts solely made by planners).



## IMPRESSIONS

Miss Nalina Seddi – France

"I found the Gala Dinner very exciting. The shows were great. The conference was very well organised."

Bekele Nezussie – Ethiopia

"I'm most impressed with the organisation and the wonderful arrangements made by South Africa. I would love to come back again!"



## UNTIL WE MEET AGAIN - PATRICE PARISÉ

I would like to thank and congratulate the organisers of the XXII<sup>nd</sup> World Road Congress for the warm welcome given to all participants and for facilitating the profound and fulfilling discussions held during the course of the Congress.

PIARC has entrusted France with the task of organising the next Congress, 99 years after the very first World Road Congress. The 2007 Congress shall thus open with the same remark as the one made in 1908 by Louis Barthou: French Minister of Public Works, Post and Telecommunications: "Build strong welcoming and pleasant {roads} so that the people they link may get to know each other better and better and that they may pursue the work of building a united civilisation for the betterment of humanity".

I would like to extend a warm invitation to all PIARC members to come to work, visit our roads and our artworks, meet various professionals and, of course, taste our culinary delights during the XXIII<sup>rd</sup> World Road Congress in Paris.

Deseo extender mis votos de agradecimiento y felicitar a los organizadores del XXII Congreso Mundial de Carreteras por la calorosa bienvenida dada a los participantes, y haber ofrecido las condiciones ideales para llevar a cabo nuestras deliberaciones de manera profunda y satisfactoria.

Después de 99 años de haberse realizado el primer Congreso Mundial de Carreteras, PIARC ha confiado a Francia la tarea de organizar el siguiente congreso. Por lo tanto, el Congreso de 2007 tendrá como palabras de apertura las mismas pronunciadas en 1908 por Louis Barthou, Ministro de Obras Públicas, Correos y Telecomunicaciones francés:

"Construyan carreteras seguras y placenteras para que los pueblos que conectan lleguen a conocerse cada vez mejor, y éstos a su vez construyan una civilización unida para el beneficio general de la humanidad".

Quedan todos ustedes cordialmente invitados al XXIII Congreso Mundial de Carreteras en París, vengán no solo a trabajar, encontrarse con sus colegas, y recorrer nuestras carreteras, sino, como no podría ser de otra manera, a apreciar nuestras obras de arte y deleitar sus paladares con nuestra cocina.

Gostaria de felicitar os organizadores do 22º Congresso Mundial de Estradas e agradecer-lhes pela calorosa hospitalidade que mostraram a todos os participantes e também por terem facilitado os debates profundos e informativos durante o Congresso.

PIARC incumbiu a França com a missão de organizar o próximo Congresso, 99 anos depois do primeiro Congresso Mundial de Estradas. O Congresso de 2007 será uma vez mais, aberto com as palavras ditas em 1908 por Louis Barthou: Ministro Francês das Obras Públicas, Correios e Telecomunicações:

"Construam (estradas) seguras e agradáveis para que as gentes que elas unem se possam vir a conhecer cada vez melhor e entregar-se assim, à criação duma civilização unida para o bem da humanidade".

Gostaria de cordialmente, convidar todos os membros da PIARC a virem trabalhar connosco e caminharem pelas nossas estradas, encontrarem-se com os vários profissionais e ao mesmo tempo apreciarem os nossos trabalhos de arte, e claro, regalarem-se com os nossos petiscos culinários, durante o XXIIIº Congresso Mundial de Estradas em Paris.

# .... CONNECTING ....



# .... FAREWELL ....

## FROM THE SOUTH AFRICAN ORGANISING COMMITTEE



## AND THE EDITORIAL TEAM



## ISIZULU FAREWELL



**HAMBA KAHLE**

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