

Association
mondiale
de la Route



World Road
Association

***WORLD ROAD ASSOCIATION
PIARC
ANNUAL REPORT
October 2003 – September 2004***

CONTENTS

..... **A MESSAGE FROM THE PRESIDENT**
..... **4**

1 **4**

..... **PIARC IN 2004**
..... **5**

2 **5**

..... **Organisation**
..... **5**

2.1 **5**

..... **Governing Bodies**
..... **5**

2.2 **5**

2.3 **Members** **6**

2.4 **National Committees** **7**

2.5 **Commissions** **7**

..... **General Secretariat**
..... **8**

2.6 **8**

 Personnel **8**

2.6.1 **8**

 Activities during the year **9**

..... **STRATEGIC PLAN 2004-2007**
..... **9**

3 **9**

..... **PIARC Vision, Mission and Values**
..... **9**

3.1 **9**

..... **Strategic Themes**
..... **10**

3.2 **10**

..... **ACTIVITIES OF THE ASSOCIATION**
..... **10**

4 **10**

..... **Congress**
..... **10**

4.1 **10**

4.2 Technical Committees **11**

..... **Current Projects**
..... **12**

4.3 **12**

..... **Publications**
..... **13**

4.4 **13**

..... **Cooperation with other organisations**
..... **14**

4.5 **14**

1 A message from the President

I am pleased to introduce the 2004 Annual Report to the PIARC Council and Executive Committee.

The many governmental contacts that were made during and after the Durban Congress show that the World Road Association-PIARC continues to be the leading world forum in the field of road and road transport technology and policies thanks to its 108 member governments.

During the past year our greatest success was without doubt the PIARC XXIInd World Road Congress held in Durban in October 2003 with more than 2500 delegates. Based on the results of the Congress PIARC can now develop its future activities. I would like to take this opportunity to thank the Government of South Africa and all members who have had an active role in this major event.

Based on the results of the Congress and the exchange of views and knowledge between member countries, the Strategic Planning Commission, along with the Strategic Theme Coordinators, have completed the revision process of the PIARC Strategic Plan for 2004-2007, with the aim to better face to the on-going challenges, meet government requests, and users expectations in the field of road transport. In the framework of the four Strategic Themes selected, 19 Technical Committees have started their new work cycle last April-May, according to the work program which will lead to next World Road Congress in Paris in 2007.

I am particularly pleased about the upgrading of tools such as HDM-4, the World Interchange Network-WIN, the Routes/Roads magazine, the web site of our Association, etc. This illustrates once again the dynamism of PIARC.

During the past year, members of the Executive Committee have been very actively involved in implementing the new Strategic Plan, revising the Statutes and Internal Rules, setting up the Commission on Technological Exchanges and Development, ensuring the complete transfer of PIARC funds to the Central Office and preparing the future PIARC Prizes.

I also would like to emphasize how important it is to develop cooperation with other organizations whose activities are related to the road sphere. I have myself attended the TRB meeting in Washington, the ECMT conference on the heavy vehicle fee and mobility funding in London, the International Symposium on Concrete Roads in Istanbul, the ITS World Congress in Madrid, and the Via Nordica Conference in Copenhagen. PIARC already has close relations with international and regional organizations such as for instance UNO, OECD, EU, ECMT, NVF, IRF, ITA, ITE, ITS, etc.

Preliminary discussions concerning the Association's chronic budget deficit indicate that far-reaching measures will have to be envisaged for the future to guarantee the high level of service and effective management that our member countries expect from PIARC.

Finally, I would like to express my sincere gratitude to all my colleagues of the Council, the Executive Committee and the General Secretariat for their friendly support and cooperation, and for their hard work. I also would like to thank all members of Technical Committees for their excellent work.

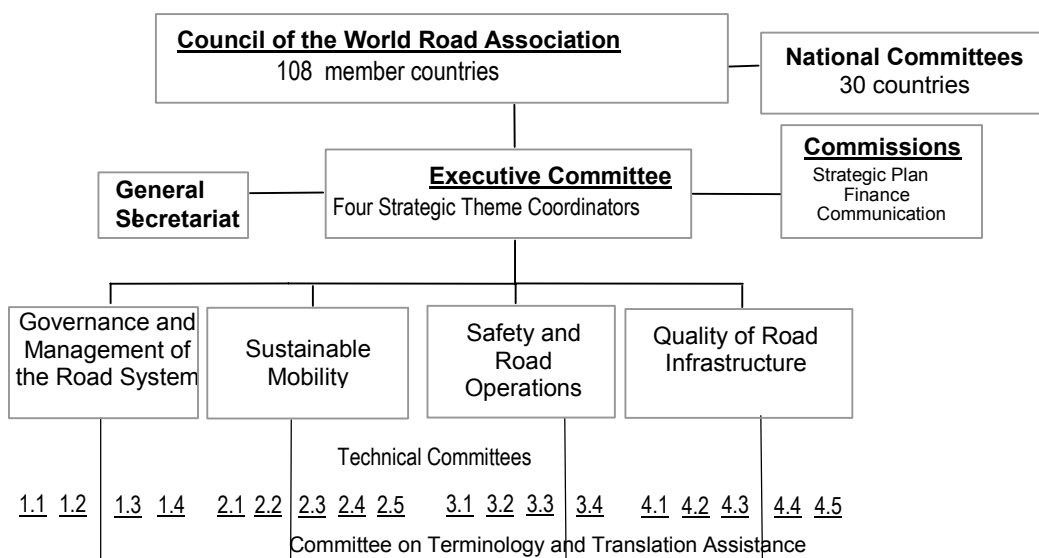
I wish success to each PIARC member in their efforts to progress or complete road projects that are in accordance with the principles of sustainable development.

Olivier Michaud
PIARC President

2 PIARC in 2004

2.1 Organisation

The World Road Association (PIARC), a non-profit organisation was formed in 1909. PIARC is the oldest international association concerned with road technology, road policy and management of road networks. PIARC holds a unique place as an international forum for information exchange and discussion of all issues related to road infrastructure and transport. The structure of the organisation is presented below.



PIARC Structure

2.2 Governing Bodies

The overall responsibility of for the Association is in the hands of the World Road Association Council. At the Council meeting on 18 October 2003 in Durban (South Africa) 92 delegates representing 47 member countries were present.

The Executive Committee is responsible for the overall management of the Association and operated within the delegated powers from the Council. During the past year the Executive Committee met on three occasions in: Durban (South Africa) 17 October 2003, Turin (Italy) 26-27 February and Portorož (Slovenia) 1-2 July 2004.

In Durban the Council:

- accepted the resignation of Mr Parick GANDIL (France) and noted the invitation of Mario FERNÁNDEZ RODRÍGUEZ (Chilie), Jorge FERNANDEZ VARELA (Mexico), Moha HAMAOUUI (Maroco), David T. OLODO (Benin), Patrice PARISÉ (France) and Peter PENGAL (Slovenia) by the PIARC President to participate as observers in the Executive Committee until the next planned Council meeting in 2004.
- elected Antonio ALONSO BURGOS (Spain), Vice-President replacing Pablo ANGUITA SALAS (Chilie) who resigned.

With these changes in mind the PIARC Executive Committee on the 1 September 2004, prior to the Montpellier Council meeting was made up of the following members:

- Olivier MICHAUD, PIARC President,
- Hiroshi MITANI, Immediate Past President,
- Antonio ALONSO BURGOS (Spain) and Colin JORDAN (Australia), PIARC Vice-Presidents,
- Nazir ALLI (South Africa), Maria Pia CERCIELLO (Italy), Henning CHRISTIANSEN (Denmark), Gerold ESTERMANN (Austria), Mario FERNANDEZ RODRIGUEZ (Chili), Jorge FERNANDEZ VARELA (Mexico), Ginny CLARKE (UK), Moha HAMAOU (Morocco), Anne-Marie LECLERC (Canada-Québec), Marc LEMLIN (Belgium), Charles NOTTINGHAM (USA), Data' Ir. Hj. ZAINI bin Omar (Malaysia), Patrice PARISÉ (France), Peter PENGAL (Slovenia),
- Brenda J. BAIRD National Committee Representative.

2.3 Members

There are five categories of PIARC members: National Governments, regional authorities, collective members, individual members and honorary members.

During the year one new country joined the Association, El Salvador. From 1 September 2004, PIARC member countries included **108 national members governments** from around the world. Approximately two thirds of the member countries are developing countries or countries in transition. There are approximately 2 000 other members (about half of which are individual members) from nearly 130 countries.

PIARC National Members Governments (30 August 2004)

ALGERIA	COTE D'IVOIRE	KUWAIT	SAUDI ARABIA
ANDORRA	CUBA	LATVIA	SENEGAL
ARGENTINA	CZECH Rep.	LITHUANIA	SLOVAK Rep.
AUSTRALIA	DENMARK	LUXEMBOURG	SLOVENIA
AUSTRIA	ECUADOR	MADAGASCAR	SOUTH AFRICA
BANGLADESH	EGYPT	MALAYSIA	SPAIN
BELGIUM	EL SALVADOR	MALI	SRI LANKA
BENIN	ESTONIA	MAURITIUS	SWAZILAND
BHUTAN	FINLAND	MEXICO	SWEDEN
BOLIVIA	FRANCE	MONGOLIA	SWITZERLAND
BRAZIL	GABON	MOROCCO	SYRIA
BULGARIA	GERMANY	NAMIBIA	TANZANIA
BURKINA FASO	GHANA	NEPAL	THAILAND
CAMBODIA	GREECE	NETHERLANDS	TOGO
CAMEROON	GUATEMALA	NEW ZEALAND	TONGA
CANADA	GUINEA	NICARAGUA	TUNISIA
CANADA-QUEBEC	HONDURAS	NORWAY	TURKEY
CAPE VERDE	HUNGARY	PAKISTAN	UGANDA
CHAD	ICELAND	PANAMA	UKRAINE
CHILE	INDIA	PAPUA NEW GUINEA	UNITED KINGDOM
CHINA (People. Rep.)	INDONESIA	PARAGUAY	UNITED STATES
COLOMBIA	IRAN	PERU	URUGUAY
CONGO (Dem. Rep.)	IRELAND	PHILIPPINES	UZBEKISTAN
CONGO (Rep.)	ISRAEL	POLAND	VENEZUELA
COSTA RICA	ITALY	PORTUGAL	VIETNAM

CROATIA	JAPAN KENYA KOREA (Rep.)	ROMANIA RUSSIA	YEMEN ZIMBABWE
---------	--------------------------------	-------------------	-------------------

2.4 National Committees

Countries may decide to create a National Committee to represent PIARC at a national level and to contribute to ensure more participation in its activities and a more effective distribution of PIARC's work. The National Committee's representative meets once a year at a meeting chaired by Brenda J BAIRD (Canada) in conjunction with the Council meeting.

As of the 1 September 2004 PIARC had National Committees in 31 countries, including two PIARC National Committees that are managed by regional international organisations – Austroads and the Nordic Road Association.

PIARC National Committees (1 September 2004)

Algeria	Canada	Japan	Portugal
Argentina	Canada-Quebec	Madagascar	Romania
Austria	France	Morocco	Slovak Rep.
Austroads	Germany	Netherlands	Slovenia
(Australia and New Zealand)	Greece	NVF(Denmark, Finland, Iceland, Norway, Sweden)	Spain
Belgium	Hungary		Switzerland
Burkina Faso	India		Czech Republic
	Italy		United Kingdom

2.5 Commissions

There are three Commissions that assist the Executive Committee in its activities: the Strategic Planning Commission chaired by Colin JORDAN (Australia), the Finance Commission chaired by Marc LEMLIN (Belgium), and the Communications Commission chaired by Henning CHRISTIANSEN (Denemark).

A provisional Commission, the Technological Exchanges and Development Commission was established by the Executive Committee on 2 July 2004. The Commission is led by Oscar De BUEN RICHKARDAY (Mexico).

Strategic Planning Commission

The Strategic Planning Commission met on 18 and 19 December 2003 in Paris and 30 June 2004 in Portorož. The Portorož meeting enabled the Strategic Theme Co-ordinators to progress the work of the Technical Committees. The Strategic Planning Commission's work has centred around the following:

- development of the Strategic Plan for 2004 -2007 cycle particularly the preparation of the terms of reference for the new Technical Committees.
- revision of the documents that govern the management of the Association - Statutes, Internal Rules and the members handbook called the Blue Guide.

Finance Commission

The Finance Commission met in June and August 2004 in Brussels. The work of the Commission focussed on reviewing the:

- 2003 accounts and the accounts for the current year 2004
- proposed budget for 2005,
- accounts for the XXII World Road Congress in Durban,
- financial aspects of the financial protocol of accord for the XXIII Congress in 2007
- HDM-4 project

Communication Commission

The Communication Commission held two meetings, 16 October 2003 in Durban and 10 May 2004 in Paris. The principal work of the Commission in collaboration with the Secretary General was in relation to the following:

- a complete review of the Routes/Roads magazine including a new look and feel and a more modern content. The new magazine will be introduced from January 2005 (number 325)
- an evaluation of the PIARC Prizes using the results from the 2003 survey. The Prizes are being updated for the Paris Congress competition in 2007.

2.6 General Secretariat

2.6.1 Personnel

As of 1 September 2004 the PIARC General Secretariat include:

- the Secretary General and the Deputy Secretary General seconded from the French Road Directorate,
- four Technical Advisers seconded from Australia, Japan, the Nordic Road Association and Spain,
- seven permanent staff who are remunerated by PIARC (including two part time staff).

During the year the following staffing changes occurred:

- Kristina SIKICH (Vicroads, Australia) PIARC Technical Adviser completed a nine month secondment with General Secretariat on 5 November and returned to Australia. On 11 February 2004 Tegan MITCHELL (New South Wales RTA, Australia) commenced a nine month secondment as the next Technical Adviser. These secondments are the result of a memorandum of understanding between Austroads and PIARC.
- Céline LE GRACIET was appointed to the General Secretariat permanent staff 1 April 2004 in the role of Publications Advisor,
- Hitoshi SAKUMA (Japan Highway Public Corporation) PIARC Technical Adviser completed a two year secondment with the General Secretariat on the 18 June 2004; and was replaced by Takehiko HATSUKU (Tokyo Metropolitan Expressway Public Corporation) also seconded from Japan as a PIARC Technical Advisor for a two year period.
- Marit DUE LANGAAS (Norwegian Road Authority) PIARC Technical Advisor completed a year long secondment with the General Secretariat 27 August 2004 and was replaced by George RACUTANU (Vägeverket Swedish National Road Administration) as a PIARC Technical Advisor for a one year period . This secondment is the result of a memorandum of understanding between the Nordic Road Association and PIARC .

2.6.2 Activities during the year

In addition to the administrative support that the General Secretariat provides in the general day to day running of the Association, during the year the General Secretariat undertook the following action in cooperation with the:

- *South African organising committee of the Durban World Road Congress:*
 - publication of the report of the general conclusion of the XXII World Road Congress in the Routes-Road magazine (number 321, January 2004).
- *Communications Commission:*
 - redevelopment of the PIARC web site (<http://www.piarc.org>) with the aide of a contractor. The new site went live from the 29 July 2004.
- *Strategic Planning Commission:*
 - the development of the Strategic Plan and the revision of the Statutes, Internal Rules and Blue Guide,
 - organisation of the first meeting of the new Technical Committees in Paris France. (see section 4.2).
- *Finance Commission:*
 - manage the process of appointing a concession company to manage HDM-4.

The publications activities are discussed in detail in chapter 4.4.

The staff of the General Secretariat also participated in various congresses and exhibitions to promote the work of the association: ITS World Congress (Madrid), TRB (Washington DC), Road Congress of Gulf countries (Abu Dhabi), International Bitumen Road Symposium (Istanbul), Eurashpalt and Eurobitume congress (Vienna) and Via Nordica (Copenhagen).

The Secretary general and the Deputy Secretary General respectively have participated at the Executive Committee meetings of the Conference of the European Directors of Roads (CEDR).

3 Strategic Plan 2004-2007

3.1 PIARC Vision, Mission and Values

At Durban (18 October 2003) the Council approved the overall framework of the PIARC Strategic Plan 2004 – 2007 and requested that the Executive Committees manage its finalisation. The Strategic Plan 2004 -2007 was submitted to the Council for approval during the Montpellier meeting (29 September 2004).

3.2 Strategic Themes

The PIARC Strategic Plan 2004 -2007 includes four « Strategic Themes ». The Table below outlines each theme and the respective Theme Coordinator nominated by the Executive Committee.

Strategic Theme 1 - Governance and Management of the Road System		
Goal :	Improve the governance and management of road administration in the provision of road systems in accordance with international best practice.	
Coordinator :	Keiichi INOUE (Japan)	
Strategic Theme 2 – Sustainable Mobility		
Goal :	Encourage the development of road transport policies and programmes that result in beneficial community outcomes for sustainable and safe mobility in economic, environmental and social terms, and take full account of the need for integration with other transport modes.	
Coordinator:	Ginny CLARKE (United Kingdom)	
Strategic Theme 3 - Safety and Road Operations		
Goal :	Improve the safe and efficient use of the road system, including the movement of people and goods on the road network, while effectively managing the risks associated with road transport operations and the natural environment.	
Coordinator:	Charles NOTTINGHAM (United States of America)	
Strategic Theme 4 - Quality of Road Infrastructure		
Goal :	Improve the quality of road infrastructure through effective management of road infrastructure assets in accordance with user expectations and managers' requests.	
Coordinator:	Anne-Marie LECLERC (Canada-Québec)	

4 Activities of the Association

4.1 Congress

International Winter Road Congress

The circular no1 of the XIIth International Winter Road Congress which will take place in Turin Sestriere, Italy 27-30 March 2006 was distributed in December 2003. Circular no2 was distributed in May 2004.

The protocol of agreement for the organisation of the congress was signed on behalf of the Italian Government in Rome on the 15 April 2004 by the Minister of Transport Pietro Lunardi and by Olivier Michaud on behalf of PIARC.

The Turin-Sestriere, Italy congress has a dedicated website: www.aipcr2006.it

XXIInd World Road Congress

Approximately 3 500 people representing 108 countries participated at the Congress and exhibition. There were 2 650 delegates and more than 40 Ministers. The five technical visits attracted 700 participants. The CD Rom containing the proceedings of the Congress was produced by the Secretary General in August 2004.

The preparations for the XXIIIrd Congress that will take place in Paris, France from the 16 - 22 September 2007 are actively under way. The protocol of agreement between France and PIARC will be submitted for approval to the Montpellier Council meeting. The PIARC prizes are being updated for the Paris Congress.

4.2 Technical Committees

There are 19 PIARC Technical Committees. Eighteen of the Committees are attached to one of the four strategic themes whereas the Technical Committee on Terminology and Translation Assistance is attached to the Communication Commission.

Following the Executive Committee meetings in March and July 2004, the Chairs of the Technical Committees have been officially nominated (see table below)

Technical Committees 2004 -2007 and Chairs (1st September 2004)

Strategic Theme Governance and Management of the Road System	Committee 1.1 – Road System Economics	Mr. Fabien LEURENT (France)
	Committee 1.2 – Financing Road System Investment	Ms Sherri Y. ALSTON (USA)
	Committee 1.3 – Performance of Road Administrations	Mr. Paul VAN DER KROON (Netherlands)
	Committee 1.4 – Management of Network Operations	Mr. John C. MILES (United- Kingdom)
Strategic Theme Sustainable Mobility	Committee 2.1 – Sustainable Development and Road Transport	Mr. Anders HH JANSSON (Finland/NVF)
	Committee 2.2 – Interurban Roads and Integrated Interurban Transport	Mr. Jean-Michel GAMBARD (France)
	Committee 2.3 – Urban Areas and Integrated Urban Transport	Dr. Csaba KOREN (Hungary)
	Committee 2.4 – Freight Transport and Intermodality	Dr. Eiichi TANIGUCHI (Japan)
	Committee 2.5 – Rural Roads Needs	Mr. Kesogukewe M.I.M. MSITA (Tanzania)
Strategic Theme Safety and Road Operations	Committee 3.1 – Road Safety	Mr. Hans-Joachim VOLLPRACHT (Germany)
	Committee 3.2 – Risk Management for Roads	Dr. Michio OKAHARA (Japan)
	Committee 3.3 – Road Tunnel Operations	Mr. Didier LACROIX (France)
	Committee 3.4 - Winter Maintenance	Ms Gudrun ÖBERG (Sweden)
Strategic Theme Quality of Road Infrastructure	Committee 4.1 – Management of Road Infrastructure Assets	Mr. Claude MORZIER (Switzerland)
	Committee 4.2 – Road/Vehicle Interaction	Mr. Bjarne SCHMIDT (Denmark/NVF)
	Committee 4.3 – Road Pavements	Mr. Nelson RIOUX (Canada-Québec)
	Committee 4.4 – Bridges and Related Structures	Mr. Rafael ASTUDILLO (Spain)
	Committee 4.5 – Earthworks, Drainage and Subgrade	Mr. Giorgio PERONI (Italy)
	Committee on Terminology and Translation Assistance	Mr. Patrice RETOUR (France)

With the exception of Committee 3.4 that has a work cycle different from the other committees (as a result of the International Winter Road Congress) all the technical committees held their first meeting in Paris France in April and May 2004. Almost 500 people, from almost 50 countries attended the first meeting.

It is important to also mention the 5th Symposium on Pavement Surface Characteristics of Roads and Airports which was organised by the Committee C1 (period 2000- 2003) between 6-10 June 2004 in Toronto Canada and was great success.

4.3 Current Projects

HDM-4

Two proposals were received in November 2003 following a «Pre-qualification for HDM-4 management services » tender process. The two proposals were received, from companies in New Zealand and the UK both with knowledge of HDM-4. After evaluating the proposals in December 2003, the tender evaluation panel requested further information of the proponents. In Montpellier (September 2004), the Executive Committee will present a resolution to the Council recommending a preferred proponent.

PIARC Terminology

The objective of this project was to draw together all the existing dictionaries and lexicons into one data base on CD ROM, to allow additional languages to be added more easily and to enable the dictionaries to be updated electronically via the internet.

Software is being developed that will enable the creation and consultation of multilingual dictionaries on –line. These dictionaries will assist in the migration from paper towards electronic systems. This new on line service should be available before the end of 2004.

Technology Transfer Centres and Seminar Organisation in Developing Countries and Countries in Transition.

Since the Durban Congress, no new Technology Transfer centres have been established. The organisation of seminars in developing countries and countries in transition will recommence in 2005, at the initiative of the new technical committees.

World Interchange Network WIN

The WIN Internet site was modified and integrated into the PIARC site. The site was officially inaugurated by the President of the Association during a session of the Durban Congress. Today the WIN numbers 38 relays.

Reference Documentation

Following an evaluation of the project that lasted from January to November 2002, the Executive Committee has decided to suspend free distribution of certain publications in universities. To date, the objective has been to improve the Associations visibility amongst scientists and students, and various methods to achieve this end are being considered.

PIARC Product Evaluation

The conclusion of the study undertaken by the University of Sheffield (UK) have enable the development of recommendations for technical committees in relation to the development of their outputs. To ensure that PIARC makes the best use of this report, the Communications Commission is still considering their recommendations.

4.4 Publications

Since October 2003, PIARC has published 14 reports formalising the work of the technical committees:

- Costing and pricing of road use (09.06.B)
- Internal Performance improvement of road administrations (15.06.B)
- Innovative pavement design (78.03.B)
- Pavement recycling – CD Rom (78.02.B)
- Transport interchanges and urban development (10.13.B)
- Social acceptance of road infrastructure projects (04.07.B)
- Automated pavement cracking assessment equipment (01.08.B)
- Limits of use of natural soil, specification and controls in earthworks (12.012.B)
- Towards a multi-modal approach of the transport system (04.08.B),
- Cross section design for bi- Directional road tunnels
- The Framework for Performance Indicators (06.07.B),
- Planning and Programming of Maintenance Budgets (06.08.B),
- Evaluation of transport Performance Measures for Cities (10.14.B),
- Asset management in relation to bridge management (11.11.B),

Several other reports currently being translated or published and will be available in the coming months.

The Road Safety Handbook and the ITS Manual will be published in 2004 in partnership with a publishing house.

To obtain further information relating to PIARC publications, you can consult the entire list on our website: www.piarc.org.

The October 2003 edition of the quarterly journal «Routes/Roads» was available at the XXIInd Congress. The information below relates to the three following editions:

- January 2004 was totally devoted to the General Report and Conclusions of the World Road Congress.
- April 2004 was a special issue «Nordic Countries » that had a larger than normal distribution, and was distributed to the participants of the Via Nordica Congress (Copenhagen, June 2004),
- July 2004 saw the publication of the 2003 PIARC prize winning essay entries.

The October 2004 edition will also be a special edition devoted to fire safety in tunnel, prepared in collaboration with the International Tunnelling Association (ITA).

4.5 Cooperation with other organisations

PIARC has a long history of successful cooperation with numerous international and regional organisations active in the domain of roads and road transport, as well as with other regional associations. The Road Directors Group, now established in Africa, in Western Europe, Latin America, Asia and Australasia are also important PIARC partners.

At the XXIInd World Road Congress several special sessions were organised jointly with other international organisations such as the International Road Federation (IRF), Institute of Transportation Engineers (ITE), the World Bank, the African Development Bank, the Asian Development Bank, the World Health Organisation, International Civil Aviation Organisation (ICAO), the International Bridge, Tunnel and Turnpike Association (IBTTA) etc...

It is appropriate to also mention that PIARC was represented by our President Olivier Michaud at the 10th ITS World Congress (Madrid November 2003), at the 9th International Bitumen Road Symposium (Istanbul April 2004), and 19th Via Nordica Congress (Copenhagen June 2004). The Immediate Past President, Dr Hiroshi Mitani also represented the Association at the XIX World IRU Congress (Yokohama, April 2004).

During the first meeting of the technical committees the committees were encouraged to make contact with whichever international organisations they considered appropriate to ensure that their representatives participated in their future work.