

ANNUAL REPORT

October 2015 – September 2016

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1 President's Foreword

The period immediately following a World Road Congress is always a busy time for our Association, as the reports produced during the work cycle and presented at the Congress need to be edited and prepared for dissemination and the new four-year working cycle has to get underway. As you will read in this Activity Report, during the previous twelve months our Association has devoted much work to ensure a smooth transition as one cycle ends and another one begins.

The XXV World Road Congress took place in November 2015 in Seoul, and it once again provided an unparalleled forum for systematic information and knowledge exchange between road experts from more than 110 countries than convened in the Republic of Korea. The technical sessions, the special sessions, the Exhibition and the technical visits organized as part of the program were instrumental in offering delegates a complete and updated view on the challenges currently facing roads and road transportation, as well as on solutions implemented to meet them and allow roads to keep fulfilling their mission in their respective communities.

The large attendance to the World Road Congress and the quality of the organization provided by the Korean Organizing Committee not only ensured the outstanding results of the Congress, but they also generated revenues that allowed progress in consolidating the financial position of our Association while expanding services to the membership.

As every four years, the World Road Congress also marked the end of the work cycle 2012-2015 and the need to draft, translate and publish the more than 50 technical reports produced by the Technical Committees. Much of this has been already accomplished and reports have been posted in the Association's website, but work is still on-going and over the next few months you can expect the list of available reports to grow and to include most, if not all, the topics presented in Seoul.

At last year's meeting in Seoul, the Council approved the Association's Strategic Plan for 2016-2019, developed under the leadership of the Strategic Planning Commission with the active participation of a large number of road professionals worldwide. This Plan, which is also readily accessible at the website, is already providing guidance to ensure that the activities of the Association allow it to address relevant topics for the road sector in countries throughout the world.

At Seoul, the Executive Committee also designated experts proposed by member countries as Technical Committee Chairs and Secretaries. These professionals will play a significant role in developing the technical reports and products that the Association will generate during the next four years, up to the XXVI World Road Congress in the United Arab Emirates. These individuals gathered during February and March of this year in Paris to kick-off the activities of their respective Technical Committees and start organizing and developing the tasks to be undertaken according to their respective Terms of Reference.

These meetings marked the beginning of the activities of our new Secretary General, Patrick Malléjacq of France, who succeeded Jean-Francois Corté after 14 years. Mr. Malléjacq has been actively involved in the Association's day-to-day operations and has completed a smooth transition at the Secretary General's office over the past few months. In welcoming him to the Association, I am confident that he will continue the successful development of our organization and take it to new levels in providing high-quality services to the membership.

During the past year, the Communications Commission developed a strategy that will allow our Association to make full use of new information technologies to improve the dissemination of its products. This strategy also identifies new ways to provide timely information to the road community worldwide, and we expect that it will help the Association retain its leadership in the dissemination and exchange of road-related information and knowledge.

As the need to improve the dissemination practices of the Association has become increasingly clear, one of the main efforts of the Secretary General during the past months has focused on the preparation of a blueprint for the implementation of the new communications strategy. A key element of this strategy will be the increased use of Spanish approved by the Council at its meeting in Seoul, as it will allow the Association to reach out to the large Spanish-speaking community of road professionals and allow it to increase its influence and level of recognition in their countries.

The Association has also started to test new models of work for seconded staff, both to involve young professionals in our activities and benefit from their contributions, as well as to put in place more flexible arrangements that make it easier for countries to second staff. It is early to tell whether the on-going experience with a lady engineer from Mexico is going to become a model for new working arrangements, but this experience will be evaluated over the next few months to extract lessons and ideas to keep moving forward.

Other developments that have taken place over the last few months include the creation of two new National Committees in Mongolia and the Dominican Republic, thus bringing the number of active National Committees to 40. The Association is also pursuing increasing contacts with regional road organizations in different parts of the world in order to develop activities of common interest and promote stronger information exchanges.

The next Council meeting will take place in September in Cape Town, South Africa. As every four years, a new Executive Committee, a new National Committee Representative and a new President will be elected to serve the Association during the period 2017-2020. I express my recognition to all those member countries that have proposed individuals to represent them at the next Executive Committee and thank its members in advance for the excellent work that they will accomplish over the next four years.

As my four years as PIARC President come to a close, let me also express my deepest gratitude to all of you, members of the PIARC road community, for your support and friendship during this period. I especially wish to thank the members of the Executive Committee, the Chairs of the Strategic Planning, Finance and Communications Commissions, and the Technical Committee Chairs and Secretaries. My final words of appreciation go to the Technical Advisors and the staff at the Secretary General's office, whose daily efforts and commitment to our Association are key to keep it as the international leader in road-related information and knowledge exchange.

Oscar de Buen

President of the World Road Association (PIARC) – 2013-2016

2 2Activities from October 2015 to September 2016

2.1 Executive Committee

The Executive Committee manages the Association in accordance with the guidelines and decisions of the Council, with the goal (Goal 1) set by the Strategic Plan to constantly improve the management and operation of the Association.

The Executive Committee holds two meetings a year. They were held on 30 October 2015 in Seoul, just before the Seoul Congress, and on 26-27 April 2016 in Edinburgh (United Kingdom). Between the two meetings, the members of the Executive Committee have been consulted by electronic mail on certain topics, particularly regarding the election of chairs and secretaries of Technical Committees.

In addition to considering the proposals made by the Commissions (see below) and the related decisions, the Executive Committee has, in particular, covered the following issues over the past year:

- *language policy of the Association,*
- *approval of the 2016-2019 Strategic Plan.*

2.1.1 Strategic Planning Commission

The Strategic Planning Commission (SPC) held meetings on 13 April 2015 in Riga (Latvia) and on 26 April 2016 in Edinburgh (UK) chaired by Jeffrey Paniati. Various other meetings of the Commission were also held by videoconference. The last SPC meeting of this mandate will take place in Cape Town (South Africa) on 19 September 2016.

The SPC Commission has in particular:

- supervised the work of Technical Committees (TC) of the 2012-2015 cycle;
- completed the preparation of Strategic Plan 2016-2019, and supervised the launch of the new work cycle;
- made an assessment of the Seoul Congress;
- organized a call for special projects.

The Strategic Plan 2016-2019 confirms the vision and mission of the Association.

The **vision** of the World Road Association is to become the world leader in the exchange of knowledge on roads and road transport policy and practices within the context of integrated, sustainable transport.

The **mission** of the World Road Association is to serve all its members by:

- being a leading international forum for analysis and discussion of the full spectrum of transport issues related to roads and related transport;

- identifying, developing, and disseminating best practice and giving better access to international information;
- fully considering within its activities the needs of developing countries and countries in transition; and
- designing, producing, and promoting efficient tools for decision making on matters related to roads and related transport.

For the new 2016-2019 cycle, the mission is implemented through 5 Strategic Themes:

Strategic Theme A - Management and Finance

Strategic Theme B – Access and Mobility

Strategic Theme C - Safety

Strategic Theme D – Infrastructure

Strategic Theme E – Climate Change, Environment and Disasters.

Compared to the previous cycle, Strategic Theme E is a new area of work for the Association.

2.1.2 Finance Commission

The Finance Commission met on 30 and 31 March 2016 in Riga (Latvia), on 20 and 21 July in Paris (France), under the chairmanship of Rudolf Dieterle. According to Goal 8 in the Strategic Plan assigned to the Finance Commission, the Finance Commission focused on ensuring the good financial health of the Association by reviewing:

- the 2015 accounts,
- the implementation of the 2016 budget,
- the draft budget for 2017,
- the accounts of the Association over the 2012-2015 period,
- projections for 2016-2019.

In addition, the Finance Commission has examined the accounts of the XXVth World Road Congress Seoul 2015.

2.1.3 Communications Commission

The Communications Commission (CCOM) met in Edinburgh (United Kingdom) on 29-30 April 2016. CCOM also held many videoconferences over the 2015-2016 period.

Over the past year, the Communications Commission has:

- continued its on-going activities, i.e. communication channels; promoting the Road Safety Manual; social media strategy;
- implemented a policy to increase visibility of the key products of the Association,
- made proposals for the new communications policy to be implemented by the General Secretariat.

2.2 Conference of PIARC National Committees

The Conference of National Committees (NC) had a meeting on the occasion of the Council meeting in Seoul, in November 2015. The progress of their 2013-2016 action plan was examined, i.e. follow-up of the activities of National Committees; support to their activities; strengthening links between the National Committees and their representative on the Executive Committee, Mr. Bojan Leben (Slovenia); establishing closer links with the Nordic countries; improving the format of the electronic newsletter; and identifying the best practices of the National Committees. On that occasion, the representative of the United Kingdom made a background presentation on NCs and gave considerations on an action plan and on NC financing.

It is also worth mentioning the following over the past year:

- the National Committee of Mongolia and the Dominican Republic were officially recognized by the Executive Committee meeting in Seoul;
- around ten National Committees have presented their activities on the PIARC pavilion at the 25th World Road Congress in Seoul;
- the bulletin of National Committees (PDF format) was released and disseminated on a regular basis.

2.3 General Secretariat

In addition to the logistic support brought by the General Secretariat (GS) to the Association's bodies, the day-to-day running of the Association, the participation in the work of the Commissions and the publication of the Routes/Roads magazine, it is worth pointing out the following actions led during the past year (described in more detail in the next pages):

- the XXVth World Road Congress was held in Seoul (November 2015) in cooperation with the local Korean Organizing Committee-KOC (see paragraph 2.4.1);
- release online of a first series of Technical Reports from the 2012-2015 cycle (see paragraph 2.7.1);
- managing software developments for producing the web-based version of the various Manuals of the Association, i.e. Road Network Operations Manual and ITS; Road Safety Manual; and Road Tunnels Manual (see paragraph 2.8);
- co-operation with partner associations and institutions (see paragraph 2.9).

In addition, Patrick Mallejacq officially became the new Secretary General on 1st April 2016, succeeding Jean-François Corté, after 14 years of very dedicated service to the Association. Also, Céline Le Graciet, Publications Advisor, left the Association. Lastly, two new Technical Advisors joined the GS team: Woo-Chul Kim (South Korea), replacing Jun-Sik Ko for Strategic Theme A, and Veronica Arias Espejel (Mexico), remote working part-time and based in Mexico City, focusing on Strategic Theme E in particular.

2.4 Congresses of the World Road Association

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

The XXVth World Road Congress took place in Seoul, South Korea, from November 2-6, 2015, as the culmination of the 2012-2015 work cycle. Under the theme “Roads and Mobility: Creating New Value from Transport”, the Congress was attended by 2,628 delegates from 114 countries. The warm hospitality of our Korean hosts and the competent organization provided by the Korean Organizing Committee (KOC) were decisive to its great success.

The technical program of the Congress and its accompanying exhibition, which featured 197 exhibitors, provided ample opportunities for delegates to obtain a comprehensive and updated view of roads and road transportation worldwide, of its current achievements and future challenges. In most of its 44 sessions, presentations made by leading experts were generally followed by active Q & A sessions and lively discussions.

Highlights of the Congress included the Ministers’ session, which was attended by 48 Ministers or Vice Ministers from 40 countries, who provided a varied perspective to three of the most pressing issues in the road sector, namely sustainable financing, service improvement and new technologies.

Other highlights included special sessions dealing with the role of roads and road transportation in supporting UN initiatives on achieving sustainable development goals for the period 2015-2030, on the Decade of Action for Road Safety and on helping to cope with climate change.

The web-based **Road Safety Manual** was introduced on the occasion of the Seoul Congress. It is a large-scale project developed by our Association, thanks to remarkable contributions from many talented professionals and specialists from all regions of the world. The English version of the Manual is available on www.piarc.org. The French and Spanish version will be available by the end of 2016.

2.4.2 *XVth International Winter Road Congress, Gdansk (Poland) 20-23 February 2018*

On the occasion of the 2016 TRA conference held in April 2016 in Warsaw (Poland), the Secretary General met with representatives of the Polish General Directorate for National Roads and Motorways (GDKKiA) in order to launch the preparation of the 2018 International Winter Road Congress. The general theme of the Congress has since been identified: “*Providing Safe and Sustainable Winter Road Service*”. The call for papers was launched in July 2016.

2.4.3 *XXVIth World Road Congress, Abu Dhabi, 6-10 October 2019 (UAE)*

The Secretary General traveled to the United Arab Emirates (UAE) in July 2016 and met the authorities in charge of preparing the 2019 World Road Congress in Abu Dhabi.

2.5 Technical Committees and Task Forces

2.5.1 *Launch of the 2016-2019 cycle*

The activity of Technical Committees has focused on the delivery of Technical Reports of the previous cycle 2012-2015 and on the Kick-off Meetings of Technical Committees and Task Forces which were held in Paris, during the first half of 2016.

2.5.2 *Kick-off meetings*

The various Technical Committees of the new work cycle met in Paris from mid-February to mid-March. All Strategic Theme Coordinators and TC Chairs appointed for the new cycle were able to participate, along with a total of 400 TC members from approximately 30 countries.

A new feature for this cycle was the kick-off meetings of the four Task Forces, which also took place in Paris at the end of June and beginning of July. Task Forces work over a shorter period of time and are assigned issues that are more focused and targeted, in order to meet more specific members' concern.

Since their first meeting, TCs have been working very actively. This has enabled them to make final modifications to their work programmes that are submitted to the approval of the Council meeting in Cape Town, and also to set key dates for their activities across the whole cycle.

2.6 Improvements to the website www.piarc.org

The website is at the heart of the Association's communications and operations. The current version of the website was introduced on the occasion of the World Road Congress in Mexico City at the end of September 2011.

The English and French version of the website are updated by the General Secretariat. The Spanish version is updated by the secretariat of the Spanish National Committee (ATC).

Over the last year, no major development was introduced in the public part of the website. However, as a result of a survey of TC chairs, secretaries and webmasters of the 2012-2015 cycle, the workspaces of the Technical Committees have been entirely redesigned, to everyone's satisfaction.

As shown in the table below, the number of visits has been increasing since the new website was introduced.

Period	01/07/2014 - 31/12/2014	01/01/2015 - 30/06/2015	01/07/2015 - 31/12/2015	01/01/2016 - 30/06/2016
Number of visits	68 133	56 012	43 252	47 581
Number of single users	47 272	34 982	23 768	24 349
Number of pages viewed	274 867	255 805	221 954	275 648
Average number of pages per visit	4,03	4,57	5,13	5,79
Average duration of visit (in minutes)	3:33	4:18	4:42	5:30

Note: consultations by the General Secretariat are not taken into account in these statistics.

We noticed in 2015 a decrease in the number of visitors, as a consequence of the regulation requiring websites to obtain consent of visitors on the use of cookies. Since then, we observed, on the contrary, an increase in the number of visits, with a better qualification of visitors, in particular a larger number of pages viewed and a longer average visit time.

Top 25 downloads from 1 August 2015 to 31 July 2016

Document	Downloads
2015R01EN.pdf - Security of road infrastructure	728
Strategic-Plan-2016-2019-November-World-Road-Association.pdf	690
2016R03EN.pdf – Fixed firefighting systems in road tunnels: Current practices and recommendations	587
05-05-B.pdf - Fire and Smoke Control in Road Tunnels	461
SpecialProject-ClimateChange-EN.pdf - International climate change adaptation framework for road infrastructure	439
2016R01-EN.pdf - Best practice for life cycle analysis for tunnel equipment	424
2016R06EN.pdf - Improving safety in road tunnels through real-time communication with users	417

SIDB-EN-Winter-Service-World-Road-Association.pdf - Snow and Ice Databook 2014	400
WEB-2012R05-EN-revise.pdf - Road tunnels: vehicle emissions and air demand for ventilation	319
2014R02EN.pdf - The importance of road maintenance	300
2015R02EN.pdf - New repair and rehabilitation methods for road bridges	282
2011R02.pdf - Road tunnels: operational strategies for emergency ventilation	279
2013R08ES.pdf - Estrategias y Métodos de Conservación de Carreteras	264
2012R36-EN.pdf – Human factors in road design. Review of design standards in nine countries	252
2012R23-EN.pdf - Risk evaluation, current practice for risk evaluation for road tunnels	245
2013R07-EN.pdf - Road accident investigation guidelines for road engineers	240
05-14-VCD.pdf - Road Tunnels: Vehicle Emissions and Air Demand for Ventilation	235
Plan-strategique-2016-2019-Novembre-Association-Mondiale-de-la-Route.pdf	231
05-16-bilingue0207.pdf - Systems and equipment for fire and smoke control in road tunnels	224
2015R01EN-Contents.pdf – Table of content Security of road infrastructure	216
2014R02FR.pdf - Importance de l'entretien routier	206
2013R08-EN.pdf - Maintenance methods and strategies	202
2014R02ES.pdf - Importancia de la conservación de carreteras	200
National-Committees-PIARC-Bulletin-42-September-2015-World-Road-Association.pdf	196
SIDB-FR-Viabilite-Hivernale-Association-Mondiale-Route.pdf - Base de données sur la neige et le verglas 2014	189
Total : 4 406 documents uniques pour 38 946 téléchargements	38 946

2.7 Publications

2.7.1 Reports

Eighteen reports of the 2012-2015 cycle have been released online in English since the Seoul Congress; fifteen have also been published in French and eight in Spanish, depending on the language versions provided by Technical Committees. The page layout is in process for twenty more reports.

2.7.2 Routes/Roads magazine

The *Routes/Roads* magazine is an essential product of the Association, contributing to its mission of knowledge dissemination. It is a quarterly magazine, published in English and French, with a circulation of 5,200 copies and disseminated in 142 countries. As is the case for World Road Congress years, only 3 issues were produced in 2015. Since the Seoul Congress, the following issues have been published:

- Seoul Congress prize-winning papers (n° 368, January 2016);
- Seoul Congress papers – certificates of merit (n° 369, April 2016)
- Risk Management – Case studies (n° 370, July 2016).

The editing process of the General Report of the Seoul Congress took longer than expected. It will be published in the October 2016 issue of *Routes/Roads* (n° 371), in English, French and Spanish.

2.7.3 PIARC Road Dictionary

Thanks to the determined work of the Committee on Terminology, all the dictionaries and lexicons from various sources have been merged into a single PIARC Road Dictionary, which is available online, in full or partly, in twenty languages.

2.8 Projects

The year 2015 was marked by the release of its first three **electronic manuals** on the PIARC website, which were introduced for the first time at the Seoul Congress:

- The **Road Safety Manual** was drafted in the framework of a contract with ARRB Group (Australia) and input from the competent PIARC Technical Committees. The English version of the Manual has been available online since November 2015. The French and Spanish version, funded by the World Bank, will be available before the end of 2016;
<http://roadsafety.piarc.org>

Period	01/11/2015 – 31/07/2016
Number of visits	11 048
Number of single users	7 671
Number of pages viewed	46 635
Average number of pages per visit	4,22
Average duration of visit (in minutes)	4:11

- The **Road Network Operations and ITS Manual**, prepared with the participation of *ITS America*, was also released in 2015, after a first version was introduced at the ITS World Congress 2015 in Bordeaux (France). A version in French and Spanish is envisaged;
<http://rno-its.piarc.org>

Period	01/11/2015 – 31/07/2016
Number of visits	7 579
Number of single users	5 173
Number of pages viewed	36 331
Average number of pages per visit	4,79
Average duration of visit (in minutes)	5:14

- The **Road Tunnels Manual** has been produced and redesigned under the leadership of Technical Committee 3.3 Road Tunnel Operations. The Road Tunnels Manual is now available in English, French, Italian, Japanese, Portuguese and Spanish. Other language versions should soon follow.
<http://tunnelsmanual.piarc.org>

Period	01/11/2015 – 31/07/2016
Number of visits	7 910
Number of single users	5 390
Number of pages viewed	42 353
Average number of pages per visit	5,35
Average duration of visit (in minutes)	5:58

The UK Department for International Development (DFID) pursues its co-publishing initiative with PIARC. A synthesis document entitled “Preserve your Country’s Roads to Drive Development” has been produced in 2016 and is now available online. The French and Spanish version are in finalization process. This document provides key facts and figures on this issue and is aimed at decision makers.

2.9 Cooperation with other associations/organizations

Promoting cooperation with regional road administrations and with international organizations having similar objectives is one of the goals of the Association’s Strategic Plan.

The past year was marked by several actions that contribute to this goal:

- an exchange of views meeting among regional road associations was held on the occasion of the Seoul Congress in November 2015;
- participation of the General Secretariat in the meetings of the Conference of European Directors of Roads (CEDR) with a view to coordinating the strategic plan of both organizations;
- participation of the General Secretariat in the Council of ministers of the South-East Europe Transport Observatory (SEETO), December 2015, Tirana (Albania);
- Ongoing reflections on the future of the HDM-4 software; in particular a stakeholders meeting took place at the World Bank in January 2016;
- a joint CEDR-PIARC workshop on Winter Road Service took place on the occasion of the TRA 2016 conference in April 2016 in Warsaw (Poland);
- participation of the PIARC President and Secretary General at the International Transport Forum in May 2016 in Leipzig (Germany);
- Participation of the Secretary General in the Nordic Road Association-NVF Congress, Via Nordica, in Trondheim (Norway) in June 2016;
- Secretary General Patrick Mallejacq met with TRB executive director Neil Pedersen in Paris (France) in June 2016;
- participation of the General Secretariat in the annual road directors meeting of CIS in Cholpan-Ata (Kirghizstan), June 2016
- Participation of PIARC President in the 32nd road directors meeting of Iberia and Ibero-America (DIRCAIBEA) in Puerto Vallarta (Mexico) in June 2016.

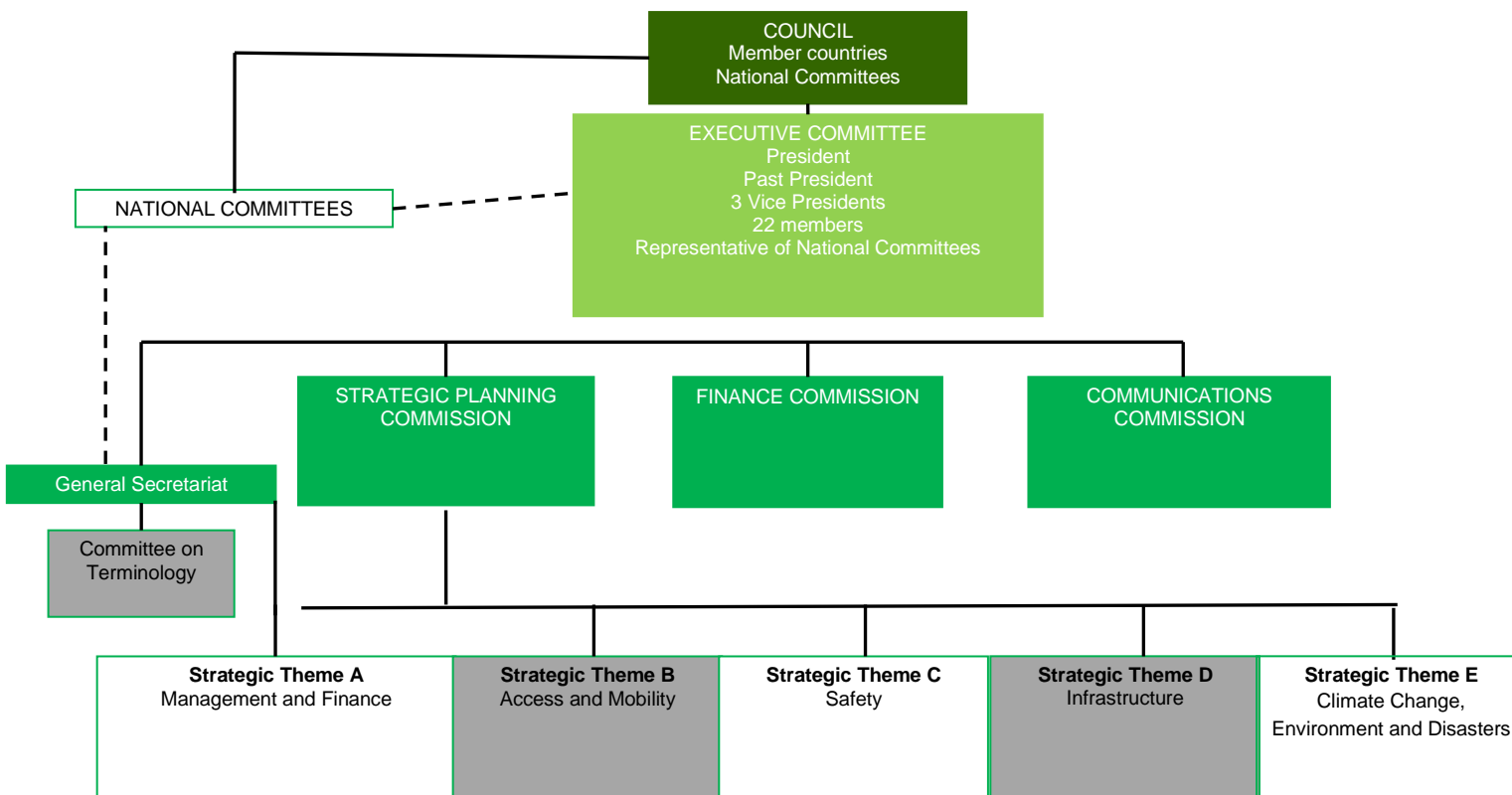
Annex 1. The Association in 2015

Organisation

The World Road Association (PIARC), established in 1909 as a non-profit organization, is the oldest international association concerned with all issues related to roads and road transport. The Association was granted consultative status with the United Nations Economic and Social Council in 1970.

The current structure of the organization is presented below.

THE WORLD ROAD ASSOCIATION STRUCTURE



Governing bodies

The **Council** is the highest governing body responsible for the Association. At its meeting held on 31 October 2015 in Seoul (South Korea), 125 delegates, representing 44 member countries were present.

As at 1st September 2016, the **Executive Committee** comprises the following membership:

- President: Oscar De BUEN (Mexico)
- Past President: Anne-Marie LECLERC (Canada-Québec)
- Vice-Presidents: Menno HENNEVELD (Australia), Friedrich ZOTTER (Austria), Tchona IDOSSOU (Burkina Faso)
- Members: Valentin ANTON (Romania), Roy BRANNEN (United Kingdom), Ping CHENG (P. R. China), Mārtiņš DAMBERGS (Latvia/BRA), Cheick Oumar DIALLO (Mali), Rudolf DIETERLE (Switzerland), Terje Moe GUSTAVSEN (Norway/NRA), Joseph HAULE (Tanzania), Abdul Karim JUDIN (Malaysia), Shigeru KIKUKAWA (Japan), Stefan KRAUSE (Germany), Kang Hoon LEE (South Korea), Lungile MADLALA (South Africa), Raúl MURRIETA CUMMINGS (Mexico), José Miguel ORTEGA (Chile), Jeffrey PANIATI (United States), Maria Carmen PICÓN (Spain), Christophe SAINTILLAN (France), Miguel Ángel SALVIA (Argentina), Massimo SCHINTU (Italy), Milton Rodrigo TORRES (Ecuador), Jane WELDON (Canada) and Bojan LEBEN (Slovenia), representing the Conference of National Committees;
- Secrétaire général : Patrick MALLEJACQ (France).

Three Commissions, chaired by members of the Executive Committee, assist the activities of the Executive Committee:

- Strategic Planning Commission, chaired by Jeffrey PANIATI (USA),
- Finance Commission, chaired by Rudolf DIETERLE (Switzerland),
- Communications Commission, chaired by Jane WELDON (Canada).

Members

There are five categories of Association members: national governments, regional authorities, collective members, individual members and honorary members.

As at 1st September 2016, **the Association's member countries include 121 national member governments**, from around the world. Approximately two thirds of the member countries are developing countries or countries in transition. In addition, there are approximately 2,000 other members (about half of which are individual members) from more than 140 countries.

PIARC National Member Governments (as at 1st September 2016)

ALGERIA	CROATIA	LATVIA	RUSSIA
ANDORRA	CUBA	LITHUANIA	SALVADOR)
ANGOLA	CYPRUS	LUXEMBOURG	SAUDI ARABIA
ARGENTINA	CZECH Rep.	MADAGASCAR	SENEGAL
AUSTRALIA	DENMARK	MALAYSIA	SINGAPORE
AUSTRIA	DOMINICAN	MALI	SLOVAK REPUBLIC
AZERBAIJAN	Rep.	MALTA	SLOVENIA
BAHRAIN	ECUADOR	MAURITANIA	SOUTH AFRICA
BANGLADESH	EGYPT	MAURITIUS	SPAIN
BELGIUM	ESTONIA	MEXICO	SRI LANKA
BENIN	FINLAND	MOLDAVIA	SWAZILAND
BHUTAN	FRANCE	MONGOLIA	SWEDEN
BOLIVIA	GABON	MOROCCO	SWITZERLAND
BRAZIL	GERMANY	MYANMAR	SYRIA
BULGARIA	GHANA	NAMIBIA	TANZANIA
BURKINA FASO	GREECE	NEPAL	THAILAND
BURUNDI	GUATEMALA	THE NETHERLANDS	TOGO
CAMBODIA	GUINEA	NEW ZEALAND	TONGA
CAMEROON	HONDURAS	NICARAGUA	TUNISIA
CANADA	HUNGARY	NIGER	TURKEY
CANADA-QUEBEC	ICELAND	NORWAY	UGANDA
CAPE VERDE	INDIA	PAKISTAN	UKRAINE
CHAD	INDONESIA	PANAMA	UNITED KINGDOM
CHILE	IRAN	PANAMA	UNITED STATES
CHINA (PEOP. REP.)	IRELAND	PAPUA NEW GUINEA	UNITED ARAB
COLOMBIA	ISRAEL	PARAGUAY	EMIRATES (UAE)
CONGO (REP.)	ITALY	PERU	URUGUAY
CONGO (DEM REP)	JAPAN	PHILIPPINES	UZBEKISTAN
COSTA RICA	KENYA	POLAND	VENEZUELA
CÔTE D'IVOIRE	KOREA (Rep.)	PORTUGAL	VIET NAM
	KUWAIT	ROMANIA	YEMEN
			ZIMBABWE

National Committees

In several member countries, National Committees have been established, or existing organizations have been recognized as acting as National Committee, to promote the Association, provide leadership within the road community on a national level, contribute towards ensuring more participation in the activities and to ensure a wider dissemination of the work of Technical Committees. The representatives of the National Committees meet once a year in conjunction with the Council meeting.

With the approval by the Executive Committee meeting in Seoul in October 2015, of the establishment of the Dominican Republic and Mongolian National Committees, the Association has in total **40 National Committees** or organizations recognized as acting as a National Committee.

National Committees

Algeria	Canada	India	Portugal
Argentina	Canada-Quebec	Ireland	Romania
Austroroads (<i>Australia, New Zealand</i>)	Chile	Italy	Senegal
Austria	Congo (Rep.)	Japan	Slovak Republic
Belgium	Czech Republic	Korea (Rep.)	Slovenia
Benin	Dominican Rep.	Madagascar	Spain
Burkina Faso	Ecuador	Malaysia	Switzerland
Cameroon	France	Mali	United Kingdom
	Germany	Mexico	United States
	Greece	Mongolia	Uruguay
	Hungary	Morocco	

General Secretariat

As at 1st September 2016, the PIARC General Secretariat includes:

- a Secretary General, Patrick MALLEJACQ and a Deputy Secretary General, Robin SEBILLE, both seconded by France;
- four Technical Advisers seconded from Spain, Japan, South Korea, and Mexico (part-time) for various durations;
- six permanent staff who are remunerated by PIARC: Véronique ANSELIN (executive assistant), Alain CHARLES (web manager), Cécile JEANNE (publications), Marie PASTOL (translator-interpreter), Hanitra RABETALIANA (accountancy), Nathalie SABBAAH (office clerk), Agathe BARBIERI (bachelor's degree student in computer science on a learning programme).

With regard to the Technical Advisors, the situation is as follows:

- Woo-Chul KIM (South Korea) joined PIARC General Secretariat in Paris in February 2016; he succeeds Jun-Sik KO and is in charge of the follow-up of Strategic Theme A;
- Junichi MIYAZAKI is seconded by Japan. He joined the PIARC General Secretariat in Paris March 2015 and follows up on Strategic Theme B;
- Miguel CASO FLOREZ (Spain) has been at the General Secretariat in Paris since 2005; he follows up on Strategic Theme D;
- Verónica ARIAS ESPEJEL (Mexico) is based in Mexico City. Since September 2015, she has been working part-time for the General Secretariat and follows up the work of Strategic Theme E.

Annex 2. Strategic Plan 2016-2019

The Council approved the Strategic Plan 2016-2019 at its meeting in Seoul (South Korea) in October 2015. The Council delegated to the Executive Committee minor modifications that could result from the comments made by the Council members, from the discussions at the Seoul Congress and from suggestions by the Technical Committees.

The new Strategic Plan sets a series of goals for the Association and structures the activity of Technical Committees in five Strategic Themes, each led by a Coordinator.

Strategic Themes for the 2016-2019 period

Strategic Theme A – Management and Finance	
Goal	The goal of this Strategic Theme is to encourage the development of policies and strategies that result in transport administrations that perform well, measure performance, and incorporate innovative financing mechanisms to meet the ever changing needs of the road transportation community. It is intended to provide examples of good governance, performance management, evaluation methods, and showcase the efforts of transport administrations that consider and manage risk and incorporate knowledge transfer strategies between agencies operating at different levels of government.
Coordinator	<i>Alberto BULL (Chile)</i>
Strategic Theme B – Access and Mobility	
Goal	The goal of this Strategic Theme is to encourage the improvement of access and mobility provided to the traveling public and industry through efficient road network operation and integration with other transport modes.
Coordinator	<i>Shigeru KIKUKAWA (Japan)</i>
Strategic Theme C – Safety	
Goal	The goal of this Strategic Theme is to improve the safety and efficiency of road transport, including the movement of people and goods on the network, while effectively and widely promulgating knowledge of all aspects of road safety and encouraging implementation of positive practices.
Coordinator	<i>Jean-François CORTÉ (France)</i>
Strategic Theme D – Infrastructure	
Goal	The goal of this Strategic Theme is to improve the quality and efficiency of road infrastructure through the effective management of assets in accordance with user expectations and government requirements.
Coordinator	<i>Oscar GUTIERREZ (Spain)</i>
Strategic Theme E – Climate change, Environment and Disasters	
Goal	The goal of this Strategic Theme is to increase resiliency and protect investments in transportation infrastructure from impacts of climate change events while lessening the impact of road transportation on the environment.
Coordinator	<i>Roberto AGUEREBERRE (Mexico)</i>

The list of PIARC Technical Committees and Task Forces, with the name of Chairs and English, French and Spanish-speaking Secretaries is included in the following page. Technical Committees are linked to one of the five Strategic Themes above, while the Terminology Committee is directly linked to the General Secretariat.

TECHNICAL COMMITTEES 2016-2019 – LIST OF CHAIRS AND SECRETARIES

	Chair		English-speaking Secretary		French-speaking Secretary		Spanish-speaking Secretary	
CT A.1 Performance of Transport Administrations	José Manuel BLANCO SEGARRA	Spain	Christos S. XENOPHONTOS	United States	Michel DEMARRE	France		
CT A.2 Road Transport System Economics and Social Development	Fred AMONYA	United Kingdom					Alicia Haydee LORDI	Argentina
CT A.3 Risk Management	Ioannis BENEKOS	Greece	Alexandra LUCK	United Kingdom			Gustavo MORENO RUÍZ	Mexico
TF A.1 Innovative Financing	Massimo SCHINTU	Italy			Christophe BOUTIN	France	Omar DEL VALLE COLOSIO	Mexico
TF A.2 Coordination between National and Sub-National Authorities	King GEE	United States					Clemente POON	Mexico
CT B.1 Road Network Operations/Intelligent Transportation Systems	Jacques EHRlich	France	Valentina GALASSO	Italy	Sylvain BELLOCHE	France	Daniel RUSSOMANNO	Argentina
CT B.2 Winter Service	Didier GILOPPE	France	Alan CHAMBERS	United Kingdom	Philippe GIGUET	France	José Carlos VALDECANTOS	Spain
CT B.3 Sustainable Multimodality in Urban Areas	André BROTO	France	Harlan MILLER	United States	François RAMBAUD	France	Oscar FARINA	Argentina
CT B.4 Freight	Martin RUESCH	Switzerland	Jonathan JAMES	United Arab Emirates	Bernard JACOB	France	Carlos SANTILLAN DOHERTY	Mexico
TF B.1 Road Design and Infrastructure for Innovative Transport Solutions	Éric OLLINGER	France			Abdelmename HEDHLI	France	Ana Luz JIMÉNEZ ORTEGA	Spain
CT C.1 National Road Safety Policies and Programs	Roberto ARDITI	Italy	Rob McINERNEY	United Kingdom	Laurent CARNIS	France	Juan Emilio RODRIGUEZ PERROTAT	Argentina
CT C.2 Design and Operations of Safer Infrastructure	Shaw Voon WONG	Malaysia	Lucy WICKHAM	United Kingdom	Matthieu HOLLAND	France	Alberto MENDOZA DÍAZ	Mexico
TF C.1 Infrastructure Security	Saverio PALCHETTI	Italy						
CT D.1 Asset Management	Thomas LINDER	Germany	Gerardo FLINTSCH	United States	Pascal ROSSIGNY	France	Ricardo SOLORIO	Mexico
CT D.2 Pavements	Seung-Hwan HAN	South Korea	Johan MAECK	Belgium	Christine DENEUVILLERS	France	Diego CALO	Argentina
CT D.3 Bridges	Kiyohiro IMAI	Japan	Scot BECKER	United States	Pierre GILLES	Belgium	Luis ROJAS NIETO	Spain
CT D.4 Rural Roads and Earthworks	Roberto SANDOVAL	Bolivia	Iqbal GOOLAM-HOOSSEN	South Africa	Isabelle LAPPE	France	Natalia PÉREZ GARCIA	Mexico
CT E.1 Adaptation Strategies/Resiliency	Jürgen KRIEGER	Germany	April MARCHESE	United States	Eric DIMNET	France	Juan Fernando MENDOZA SÁNCHEZ	Mexico
CT E.2 Environment Considerations in Road Projects and Operations	Helen MURPHY	Australia	Rob HANNABY	New Zealand			Sergio LÓPEZ NORIEGA	Mexico
CT E.3 Disaster Management	Keiichi TAMURA	Japan	Yukio ADACHI	Japan			Marcelo MEDINA SANTIBANEZ	Chile
Terminology	Daniel VERFAILLIE	Belgium	Annelies GLANDER	Austria	François GUÉNOT	Switzerland	Cristina HIGUERA TOLEDANO	Spain

Annex 3. Publications of the World Road Association

Technical reports released on line since November 2015

In English:

Improving safety in road tunnels through real-time communication with users - 2016R06EN

Risk-based management of the bridge stock - 2016R05EN

Assessment of budgetary needs and optimization of maintenance strategies for multiple assets of road network - 2016R04EN

Fixed firefighting systems in road tunnels: Current practices and recommendations - 2016R03EN

Estimation of load carrying capacity of bridges based on damage and deficiency - 2016R02EN

Best practice for life cycle analysis for tunnel equipment - 2016R01EN

New repair and rehabilitation methods for road bridges - 2015R02EN

Security of road infrastructure - 2015R01EN

In French:

Améliorer la sécurité dans les tunnels routiers grâce à la communication en temps réel avec les usagers - 2016R06FR

Analyse et gestion des risques appliquée aux ponts - 2016R05FR

Evaluation des besoins budgétaires et optimisation des stratégies d'entretien des différents ouvrages du réseau routier - 2016R04FR

Systèmes fixes de lutte contre l'incendie dans les tunnels routiers : pratiques actuelles et recommandations - Réf. AIPCR : 2016R03FR

Estimation de la capacité portante des ponts basée sur les dommages et les déficiences - 2016R02FR

Bonnes pratiques pour l'analyse du cycle de vie des équipements des tunnels routiers - 2016R01FR

Nouvelles méthodes de réparation et de remise en état des ponts routiers - 2015R02FR

Sûreté des infrastructures routières - 2015R01FR

In Spanish:

Análisis de riesgos y gestión de riesgos en puentes - 2016R05ES

Evaluación de las necesidades presupuestarias y optimización para los múltiples activos de la red de carreteras - 2016R04ES

Estimación de la capacidad resistente de los puentes basada en los daños y deficiencias - 2016R02ES

Seguridad de la Infraestructura Vial - 2015R01ES