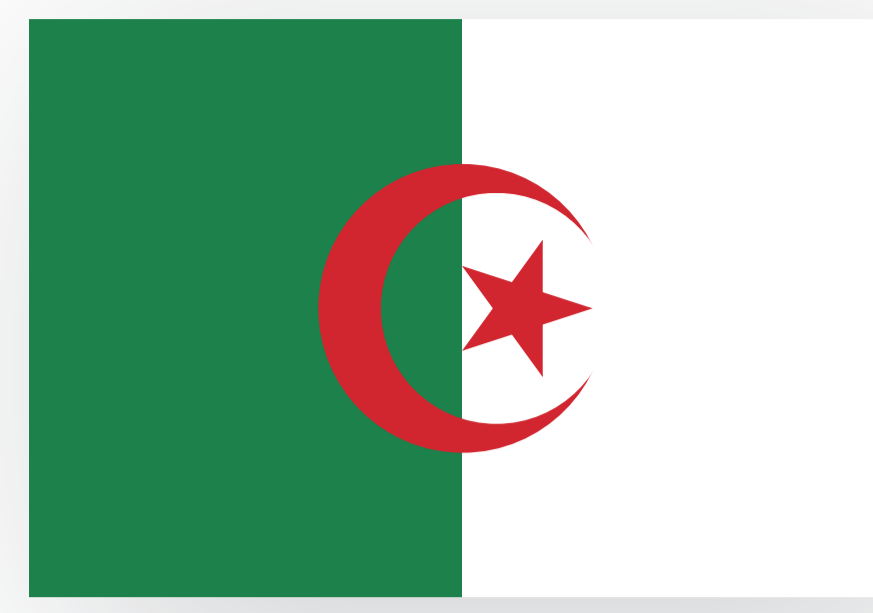


# ALGÉRIE



POPULATION	36 300 000 (janvier/January 2011)
SUPERFICIE - TOTAL AREA	2 381 741 km <sup>2</sup>
PIB/HABITANT - GDP PER CAPITA	7,952 USD (2008)
RÉSEAU ROUTIER - ROAD NETWORK	108 302 km dont 76 028 km goudronnées/paved
NOMBRE D'OUVRAGES D'ART NUMBER OF ENGINEERING STRUCTURE	3 756
NOMBRE DE VOITURES NUMBER OF VEHICLES	5,5 millions (2009)
Source : Transport ferroviaire en Algérie Source : Présidence de la République algérienne et CIA World Factbook.	

## ASSOCIATION ROUTIÈRE ALGÉRIENNE (ARAL)

L'Association routière algérienne (ARAL) tient le rôle de comité national depuis 1998.  
*The Algerian Road Association (ARAL) has fulfilled the role of National Committee since 1998.*



Même si quelques régions algériennes demeurent encore isolées en raison de l'absence d'infrastructure routière, le réseau routier algérien est le plus dense du continent africain.

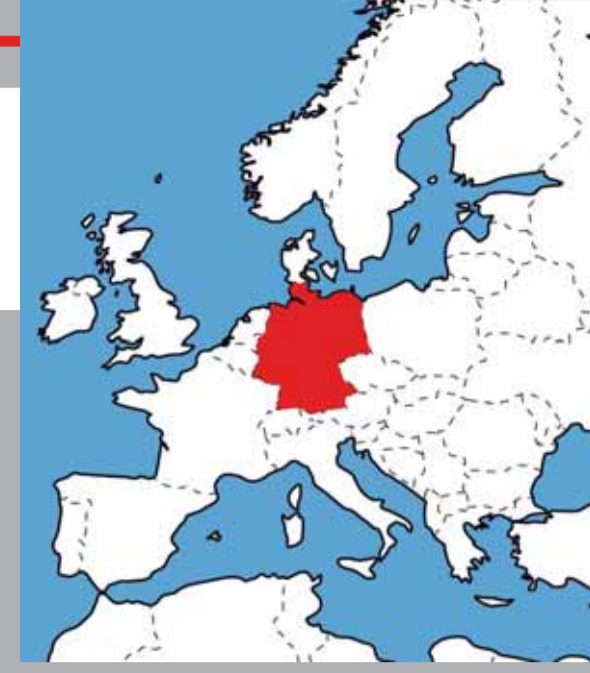
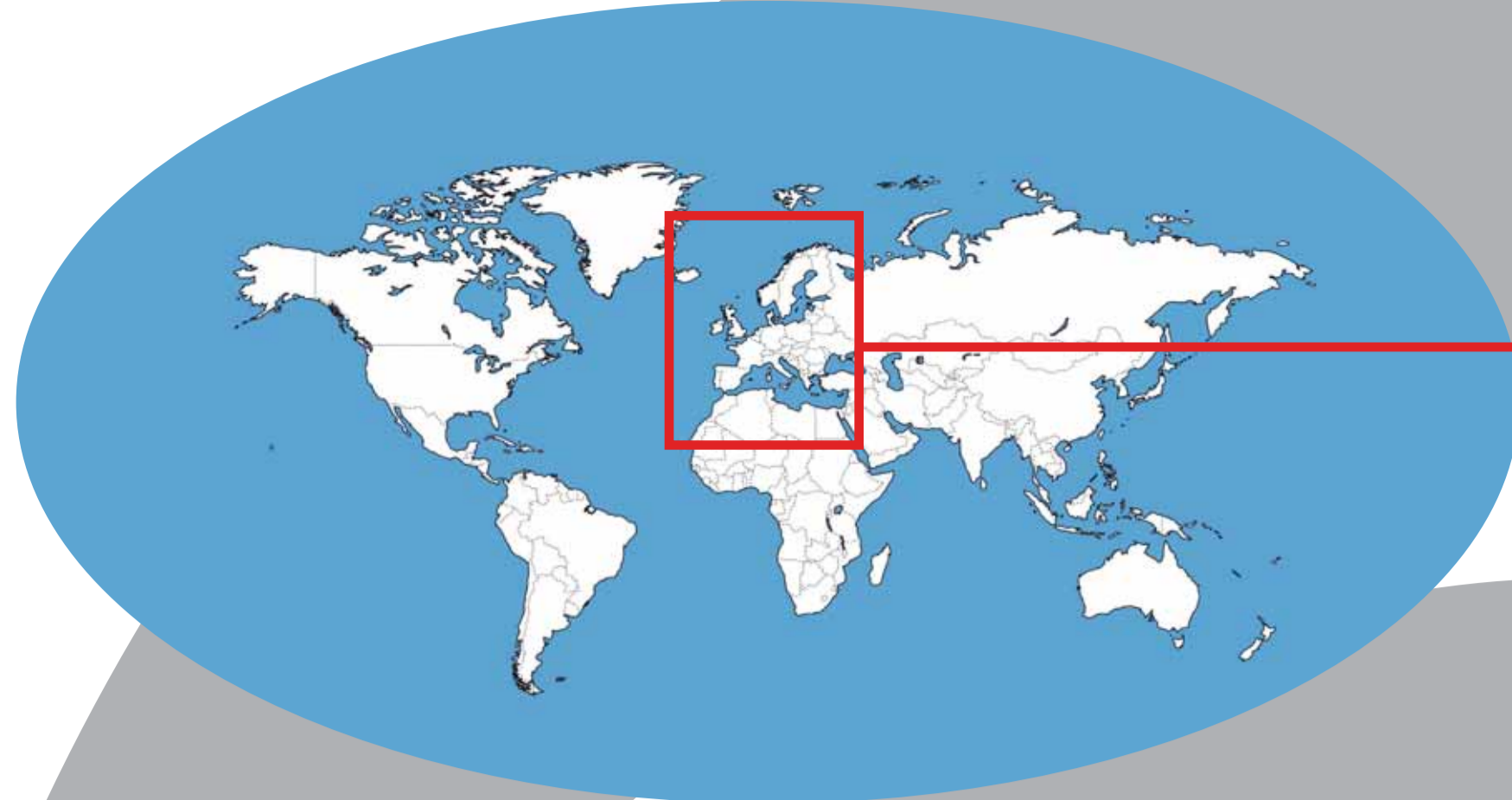


L'Algérie est traversée du Nord au Sud par la **route transsaharienne**, qui est maintenant goudronnée sur sa quasi-totalité et est même une autoroute sur le début de sa partie Nord. Cette route est poussée en avant par le gouvernement pour accroître le commerce entre les six pays traversés par celle-ci (Algérie, Mali, Niger, Nigeria, Tchad et Tunisie).



Photo 1 : Le grand carrefour de Chevalley dans la banlieue d'Algier  
 Photo 2 : Une section de la route transsaharienne entre In Salah et Tamanrasset, janvier 2009  
 Photo 3 : Nouvelle autoroute Est-Ouest reliant l'Est et l'Ouest de l'Algérie sur une distance de 1216 km  
 Photo 4 : Panneau d'indication au bord de la Transsaharienne, entre In Salah et Tamanrasset, janvier 2009  
 Photo 5 : Passage du tramway dans la commune de Bordj El Kiffan

# GERMANY



**GERMAN NATIONAL COMMITTEE**  
[www.fgsv.de/aipcr.html](http://www.fgsv.de/aipcr.html)

The Road and Transportation Research Association (FGSV) performs the tasks of the German National Committee of the World Road Association (PIARC) on behalf of the Federal Ministry of Transport, Building and Urban Development (BMVBS). The Executive Director of the FGSV (ROAD AND TRANSPORTATION RESEARCH ASSOCIATION) also acts as the Secretary of the National Committee and is responsible for its day-to-day operations. The head of the Road Construction Directorate-General at BMVBS is Germany's 'first delegate' at the World Road Association. Among other things, the National Committee assumes a number of tasks including that of national membership administration.

GENERAL DATA	
Inhabitants (2009)	82 Mio.
Total area (2009)	357123,5 km <sup>2</sup>
GNP per person (2009)	34.212 USD
Total Roads (2009)	approx. 688400 km
Toll Highways (2009)	12.645 km (over 12 t)
Annual toll revenue (2009)	4,41 bn €
Vehicles per 1000 inhabitant (2009)	605
Annual car – kilometers (2009)	595 bn km
Annual kms traveled (2009)	983,3 bn pkm
Annual goods transport (2009)	414,6 bn tkm
Injured per year (2009)	397671
Fatalities per year (2009)	4152
Modal split car transport (2008)	79%
Modal split public transport (2008)	15%

## ACTIVITIES

### Knowledge Transfer

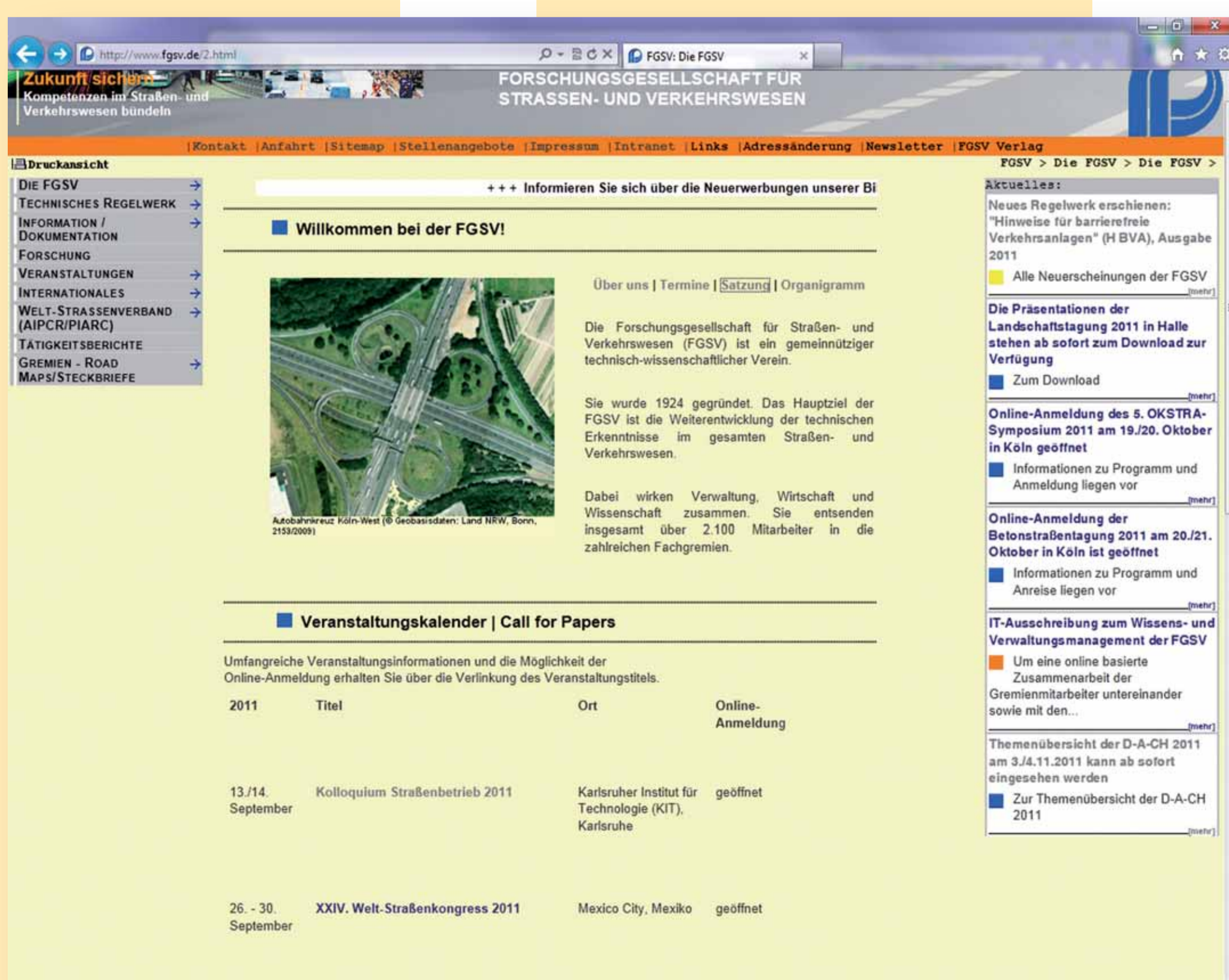
The FGSV has an extensive national network and its expert bodies meet on a regular basis. Over 2,100 professionals from the fields of administration, business and academia are involved in the work of these bodies, thereby ensuring an optimum transfer of knowledge on the activities and the results of the work of the World Road Association.



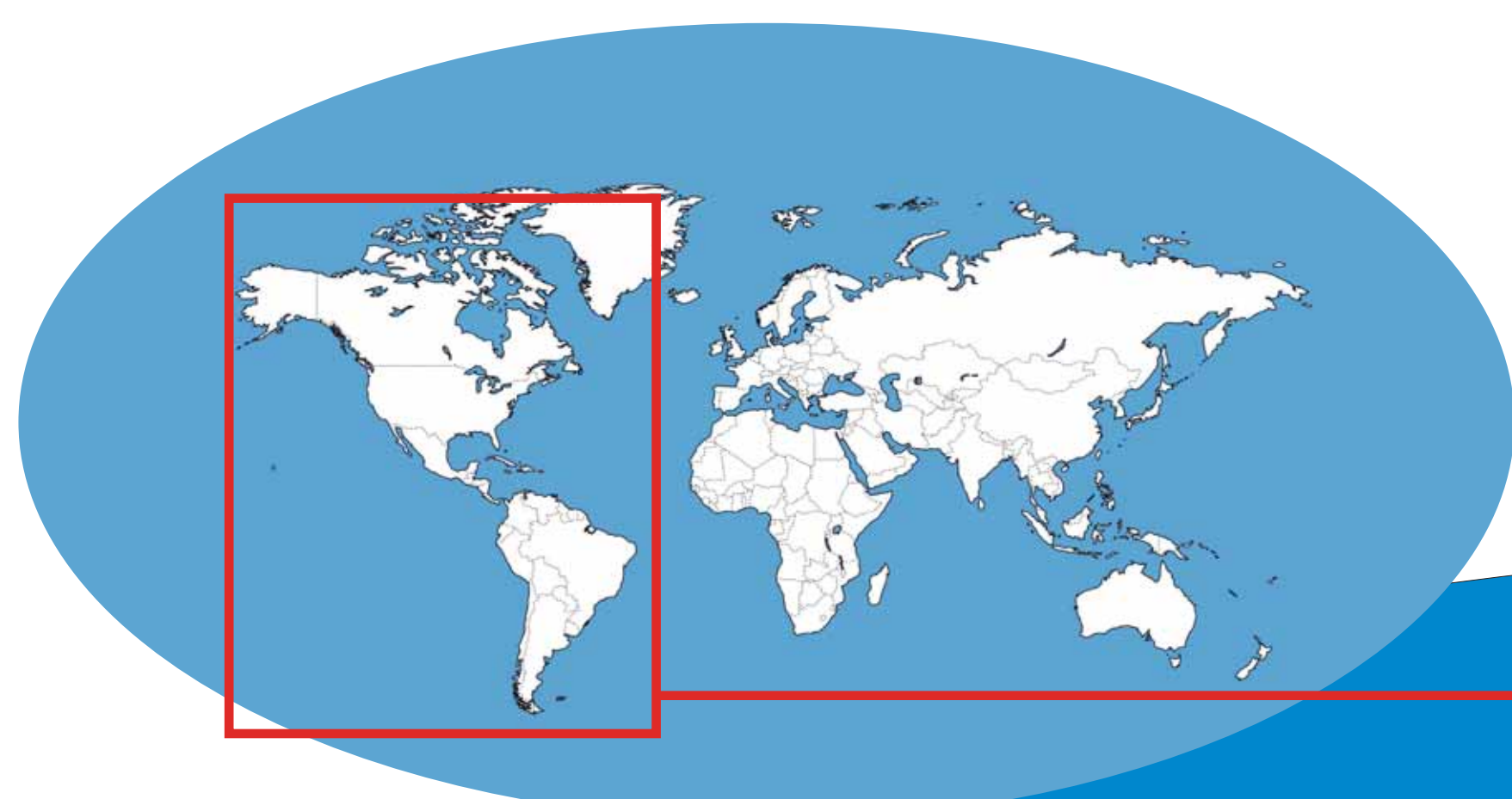
### Activities

German experts are actively involved in the work of PIARC's technical committees (TCs)

- Active involvement in the CTerm Committee and continual updating of the German terms in PIARC dictionaries and glossaries
- Organisation of TC meetings in which German experts are involved
- Organisation of the German stand at World Road Congresses
- Organisation of the German stand at other international events



# ARGENTINA



HABITANTES	POPULATION	POPULATION	40 091 359
SUPERFICIE	TOTAL AREA	SUPERFICIE	3 761 274 km <sup>2</sup>
RED TOTAL	TOTAL NETWORK	RESÉAU ROUTIER GLOBAL	239.677 km
TOTAL AUTOPISTAS (KM)	HIGHWAYS (KM)	AUTOROUTES (KM)	2.941 km
PARQUE AUTOMOTOR	VEHICLES	VEHICULES	8 954 876

## AAC - ASOCIACIÓN ARGENTINA DE CARRETERAS

La Asociación Argentina de Carreteras fundada el 21 de Julio de 1952, con el objeto de fomentar el desarrollo del sistema vial, e incorporar las mejores técnicas para ello, reúne a todas las entidades publicas y privadas vinculadas con el sistema carretero, asi como a un conjunto de profesionales interesados en el desarrollo del sistema de transporte. A partir del Congreso Mundial de la Ruta en Mexico, será el Comité Argentino de la Asociación Mundial de la Ruta.

The Argentine Road Association was founded on July 21, 1952 with the aim to promote the development of the road system and incorporate best techniques for that. The Association joins all public and private institutions related to the road network, as well as a number of professionals interested in developing the transport system. After the World Road Congress to be held in Mexico, the Argentine Road Association will be the Argentine Committee of the World Road Association.

L'Association Routière Argentine a été fondée le 21 juillet 1952, afin de promouvoir le développement du réseau routier et d'en intégrer les meilleures techniques. Ses membres sont des institutions publiques et privées liées au réseau routier et des professionnels intéressés par le développement du système de transport. Après le Congrès Mondial de la Route au Mexique, le Comité Argentin de l'Association Mondiale de la Route sera représenté par l'Association Routière Argentine.



## ACTIVIDADES

Ha desarrollado en los últimos años diversos seminarios y Congresos, destacándose:

- Seminarios de la Asociación Mundial de la Ruta "Influencia de la Infraestructura en la Seguridad Vial" y "Avances en el diseño y construcción de pavimentos de hormigón"
- Il Congreso Iberoamericano de Seguridad Vial
- XV Congreso Argentino de Vialidad y Tránsito
- VI Expovial Argentina 2009.

### ACTIVIDADES PREVISTAS

2012: XVI Congreso Argentino de Vialidad y Tránsito.

Publica desde 1955 la Revista **Carreteras**, boletines mensuales y se comunica través de su sitio web.

## ACTIVITIES

The Argentine Road Association has developed in recent years various seminars and conferences, notably:

- World Road Association seminars on "Influence of Infrastructure in Road Safety" and "Advances in the design and construction of concrete pavements"
- II<sup>nd</sup> Ibero American Congress of Road Safety
- XV<sup>th</sup> Argentine Congress on Roads and Transit
- VI<sup>th</sup> Argentina Road Expo 2009.

### PLANNED ACTIVITIES

2012: XVI<sup>th</sup> Argentine Congress on Roads and Transit.

Since 1955 the Association has published continuously **Carreteras** Magazine. For more information please visit the website.

## ACTIVITÉS

L'Association a développé dans les dernières années divers séminaires et conférences, notamment :

- Séminaire de l' Association Mondiale de la Route sur « L'Influence de l'infrastructure dans la sécurité routière » et « Les progrès dans le dessin et la construction de chaussées en béton »
- Il<sup>e</sup> Congrès Ibéro-américaine de la sécurité routière
- XV<sup>e</sup> Congrès argentin sur les Routes et les Transports
- VI<sup>e</sup> Expo Routière Argentin 2009.

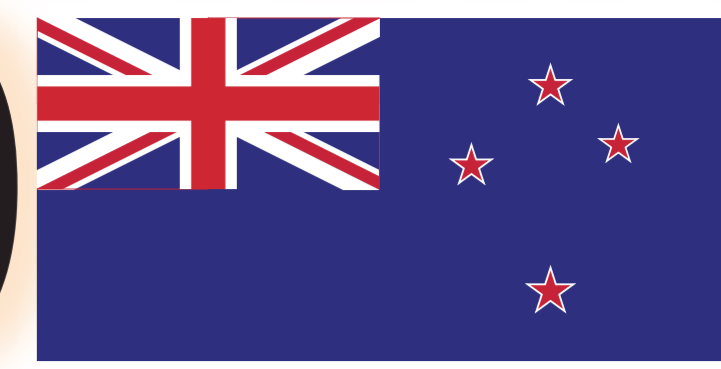
### ACTIVITÉS PRÉVUES

2012 : XVI<sup>e</sup> Congrès Argentin sur les routes et les transports.

Depuis 1955, l'Association publie sans interruption le magazine **Carreteras**. Pour plus d'information consulter le site internet.



# AUSTRALIA NEW ZEALAND



## AUSTROADS AUSTRALIAN AND NEW ZEALAND NATIONAL COMMITTEE

The Australian and New Zealand National Committee of the World Road Association operates primarily through Austroads which is the association of Australian and New Zealand road transport and traffic authorities. Both Australia and New Zealand are members of the World Road Association in their own right, each having a First Delegate on the Council. However, the Australian and New Zealand National Committee coordinates the involvement of the New Zealand Transport Agency and the various Australian road agencies involvement with the World Road Association particularly in relation to their participation in the Association's technical committees.

### GENERAL DATA

	AUSTRALIA	NEW ZEALAND
INHABITANTS	22,477,400 (2010)	4,393,500 (2010)
TOTAL AREA	77,741,220 km <sup>2</sup> 2,963,857 sq mi	275,400 km <sup>2</sup> 106,332 sq mi
DENSITY	2.9/km <sup>2</sup>	15.9/km <sup>2</sup>
GDP PER CAPITA	\$55,160 (2010)	\$31,669
ROAD NETWORK	817,089 km (2009)	94,093 km
NATIONAL HIGHWAYS	18,620 km	10,909 km
NUMBER OF VEHICLES	16.1 millions	3.2 millions



## RECENT ACTIVITIES

OF THE AUSTRALIAN AND NEW ZEALAND NATIONAL COMMITTEE

### Agreement with REAAA Australian Chapter

The committee has a formal agreement with the Australian Chapter of the objectives of the Road Engineering Association of Asia and Australasia (REAAA). The two bodies work in cooperation. This has proven to be beneficial, by increasing the awareness and collaboration of the WRA and the REAAA and their activities, and through knowledge transfer and communication amongst road professionals in Australia and the Asia Pacific region.

### Essay Competition

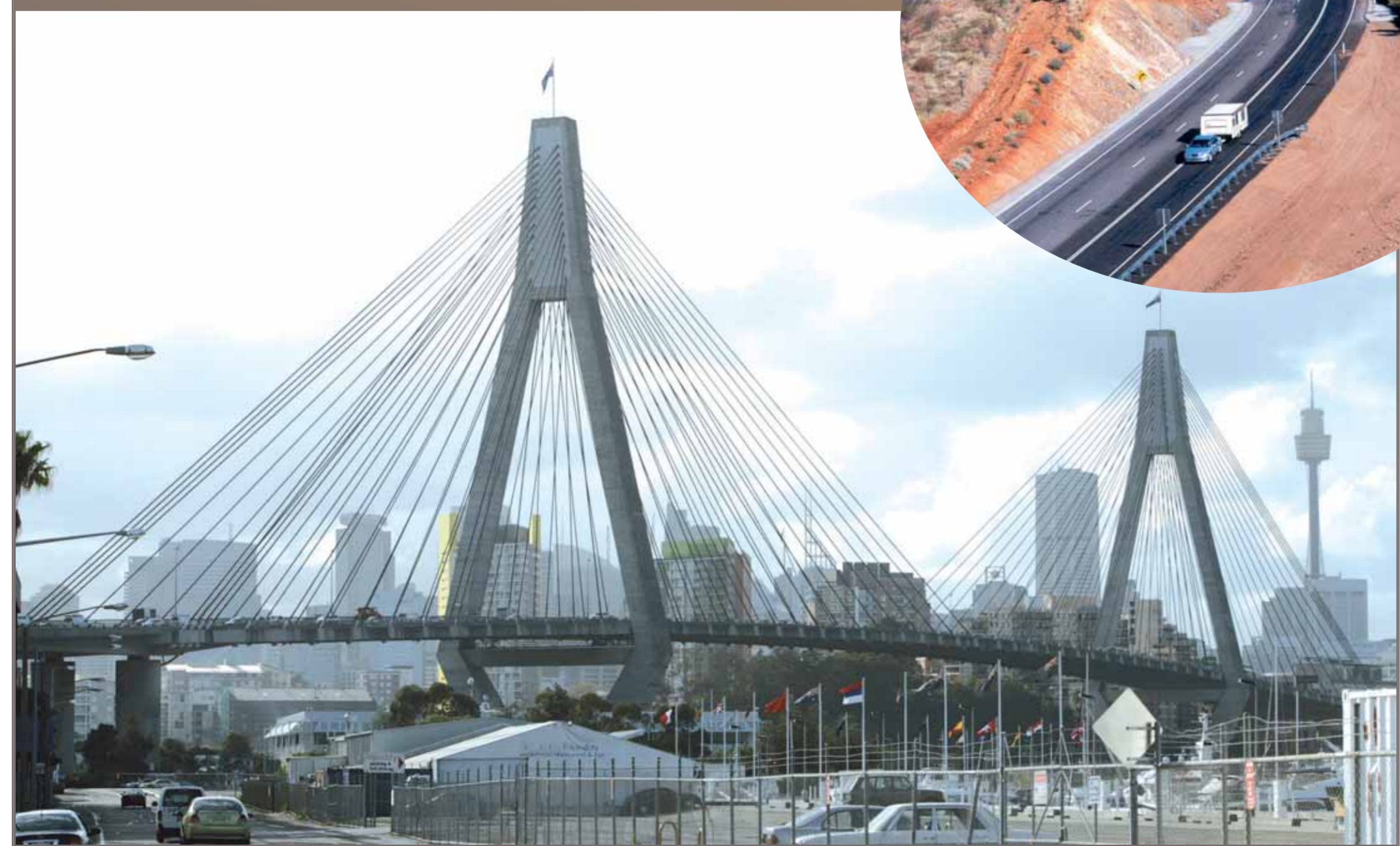
Austroads conducts an essay competition for young professionals in Australia and New Zealand in parallel with the World Road Association's international competition. The winner of the Austroads competition is funded to attend the World Road Congress.

### Austroads secondment to World Road Association secretariat

Since 2003 Austroads has arranged the secondment of a staff member from a member organisation to the World Road Association's general secretariat in Paris. This has been a mutually beneficial arrangement. The current secondee is Claire Murdoch who commenced her secondment to the secretariat in Paris in October 2010.

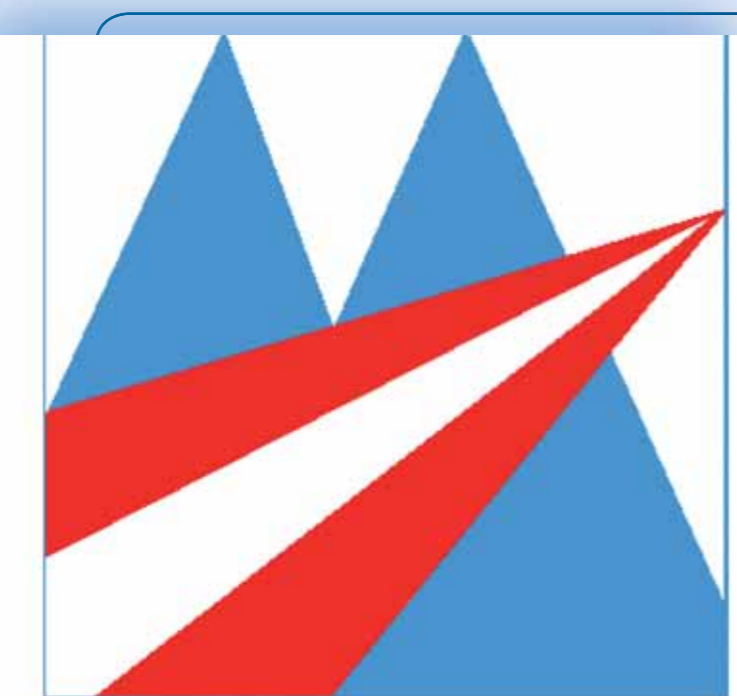
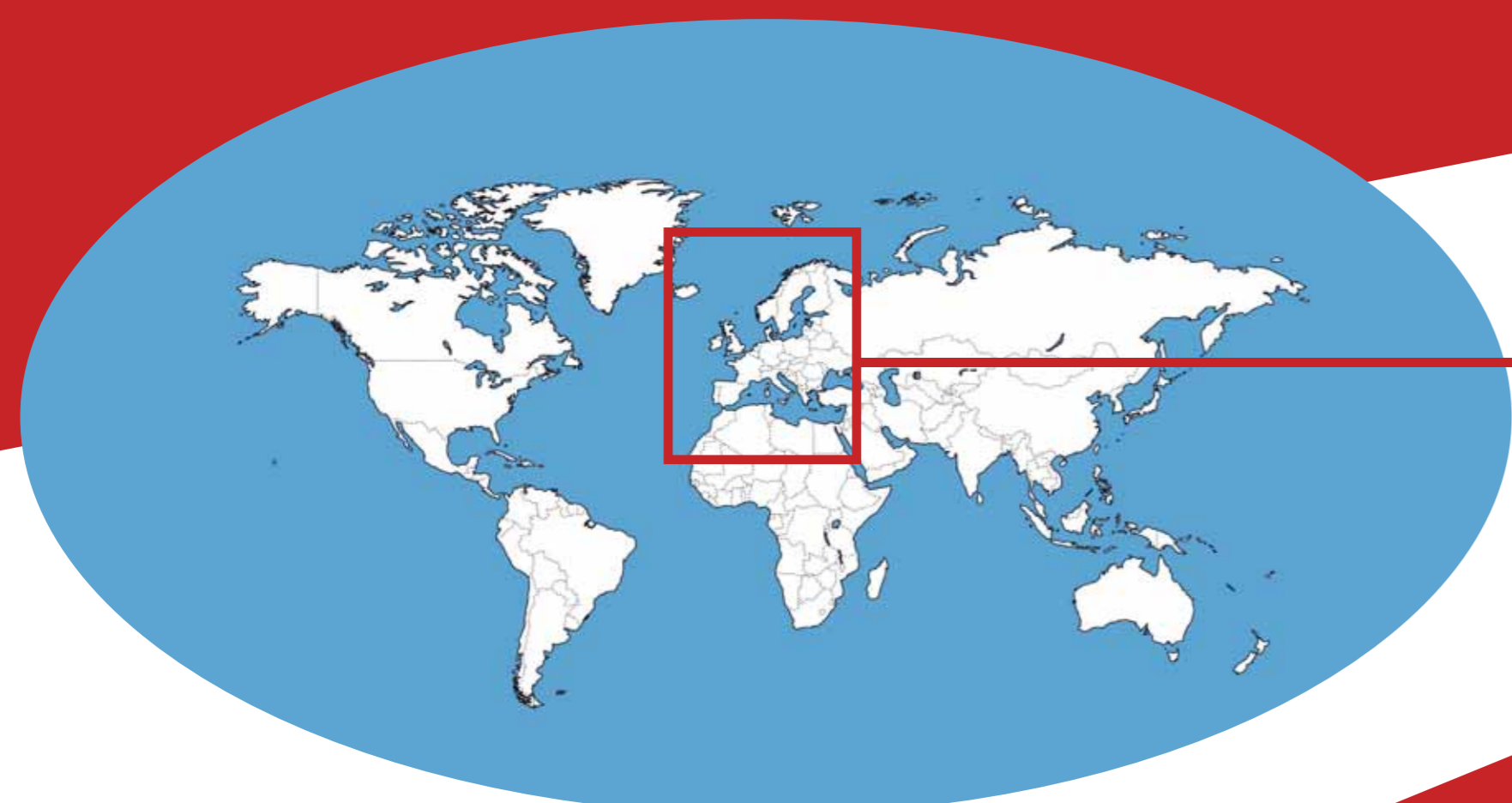


Australia and/or New Zealand are represented on 16 of the 17 current technical committees by full or corresponding members. Australian and/or New Zealand representatives are English speaking secretaries to six of the 17 committees. As Australasian representatives attend these meetings they provide reports which are circulated and placed on the World Road Association section of the Austroads website.



[http://www.austroads.com.au/wra\\_australian\\_national.html](http://www.austroads.com.au/wra_australian_national.html)

# AUSTRIA



## AUSTRIAN NATIONAL COMMITTEE

[www.fsv.at/piarc/index.html](http://www.fsv.at/piarc/index.html)

**AUSTRIA**

The Austrian National Committee was founded at the occasion of the World Road Congress in Vienna in the year 1973. It has a close relation to the Federal Ministry of Transport, Innovation and Technology and to the Austrian road and transport related research sector. The Austrian "Forschungsgesellschaft Strasse – Schiene – Verkehr (FSV)" - Research Association for Road, Rail and Transport - provides the secretariat for the Austrian National Committee of the World Road Association.

## FACTS ABOUT THE AUSTRIAN TRANSPORT SYSTEM (2009/2010)

Population	8,403 Mio.
Total area	83.879 km <sup>2</sup>
GNP per capita	32.800 EUR
Total Roads	106.585 km
Toll Highways	2.175 km
Annual toll revenue	1,4 bn Euro
Vehicles per 1000 inhabitants	536
Annual car - kilometers	16.275 km
Annual kms travelled	101 bn pkm
Annual goods transport	96 bn tkm
Injured per year	47.858
Fatalities per year	552
Modal split car transport	58 %
Modal split public transport	19 %

## RECENT ACTIVITIES

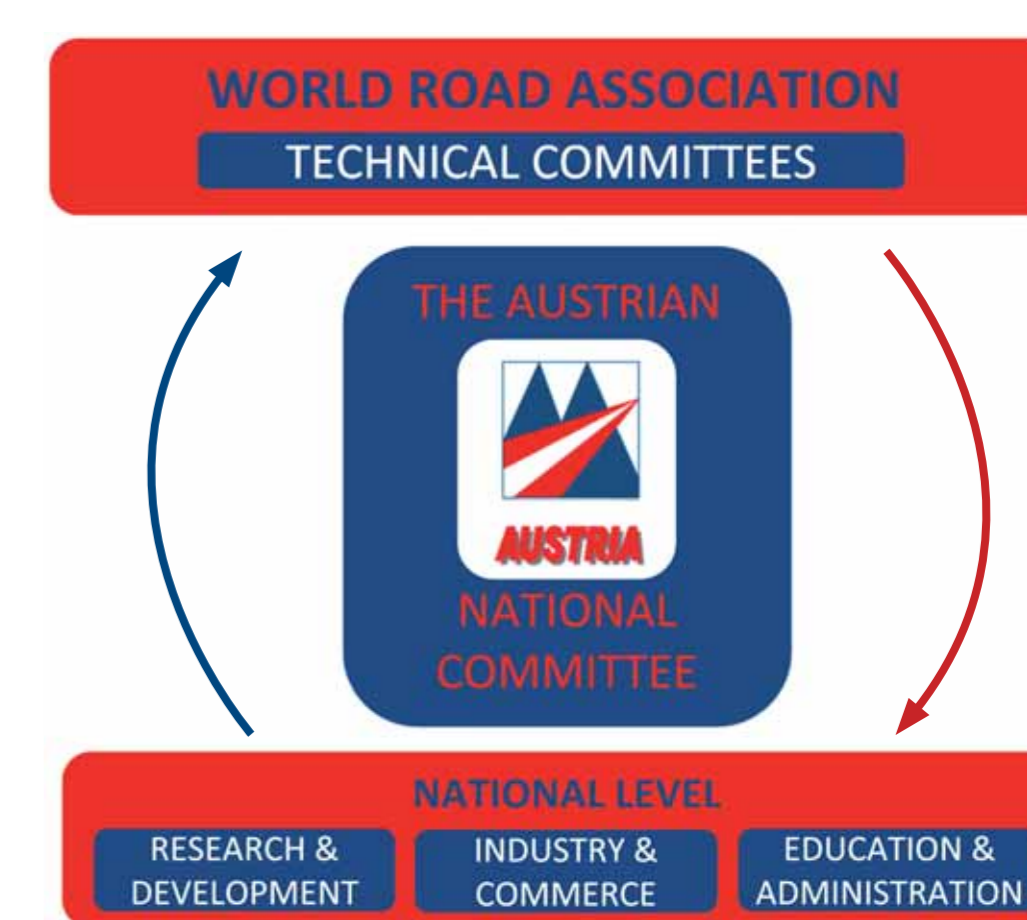
### Knowledge Transfer – National Working Groups

The board of the Austrian National Committee consists of members of the administration, universities and the private sector. Most of the Austrian representatives in the World Road Associations Technical Committees are heading respective national working groups within the national Research Association for Road, Rail and Transport in order to facilitate the information flow between the national and international level.

### Training Courses

The Austrian Research Association for Road, Rail and Transport, providing the secretariat for the National Committee, is offering various study and training courses in the field of Road Safety Inspection, Road Safety Audit, Bridge Inspection, Road Tunnel Maintenance, Community Road Issues and Road Operation.

[www.fsv.at](http://www.fsv.at)



### ASTRAD SYMPOSIUM 2011



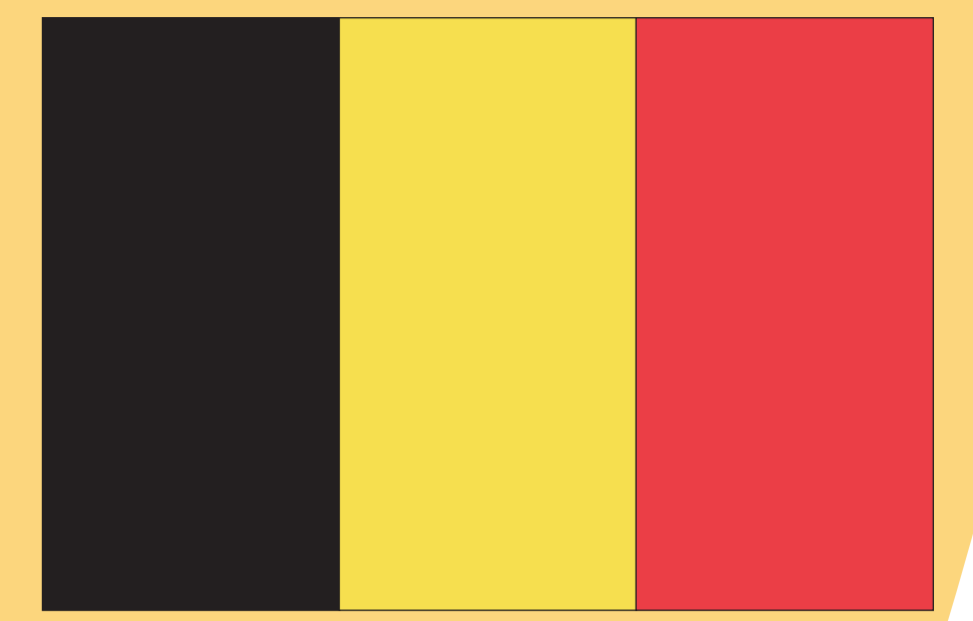
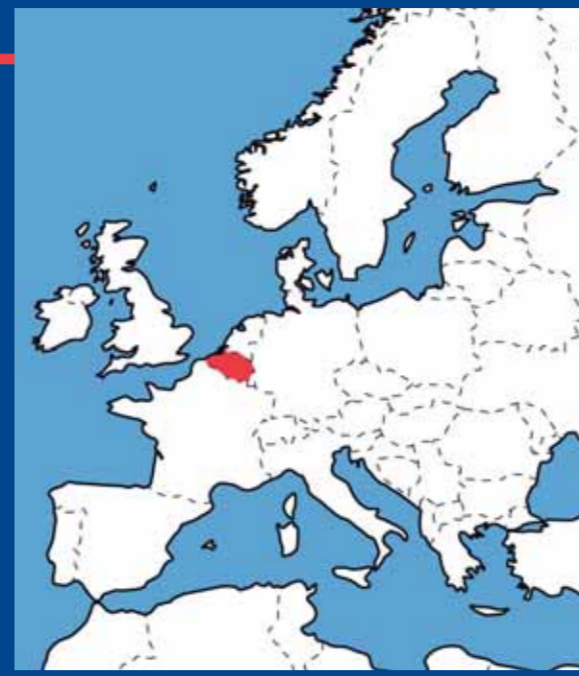
AUSTRIA STRASSEN DIENST ASTRAD

### Road Management and Winter Maintenance – A success story

Every second year the ASTRAD- Symposium on Road Management and Winter Maintenance is organized by the National Committee and the Magazine "Eurokommunal" in Wels, Austria. At the 2011 Symposium, about 2.000 professionals from the road management and road maintenance sector participated in various technical sessions. Reports from recent World Road Congresses and seminars are an integral part of the presentations. In addition, there were more than 130 exhibitors in an exhibition area of 18.500 sqm.

[www.astrad.org](http://www.astrad.org)

# BELGIUM



## THE BELGIAN TRANSPORT SYSTEM

Inhabitants	11,000,639
Total area	30,528 km <sup>2</sup>
Inhabitants/km <sup>2</sup>	360
Motorways	1,763 km
Main roads	14,109 km
Local roads	138,000 km
Roads/km <sup>2</sup>	5,04 km
Cycle tracks	10,185 km
Personal cars	5,146,507

## BELGIAN ROAD ASSOCIATION

[www.abr-bwv.be](http://www.abr-bwv.be)



In Belgium, the National Committee has been organized in the form of an association (the Belgian Road Association or ABR-BWV), set up as an actual platform for hosting exchanges among all actors involved in the country's road industry.

It gathers representatives from public agencies and institutions operating at the various governmental levels (federal, regional, local); private sector members: contractors, suppliers, consulting engineers, professional trade groups, etc.; plus the Belgian Road Research Centre.

Its objectives are to promote all kinds of progress in road construction, maintenance, operation, safety, mobility and traffic.

## ACTIVITIES OF THE BELGIAN ROAD ASSOCIATION

While its stated purpose is to promote technological breakthroughs in the construction, maintenance and operation of roads and highways, ABR-BWV also focuses on topics such as environment, mobility and vehicle traffic.

The **Belgian Road Congresses**, organized every four years halfway through the period between two PIARC World Road Congresses, showcase ABR-BWV's activities and provide the setting to assess accomplishments and objectively review the various fields. The 22<sup>nd</sup> such congress will take place in Liège in September 2013.

Besides convening these congresses, ABR-BWV regularly organizes two to three daylong **information sessions and forums** on an array of technical topics each year.

According to custom, a **"World Congress debriefing"** day is held a few months after each PIARC World Road Congress. This gathering,

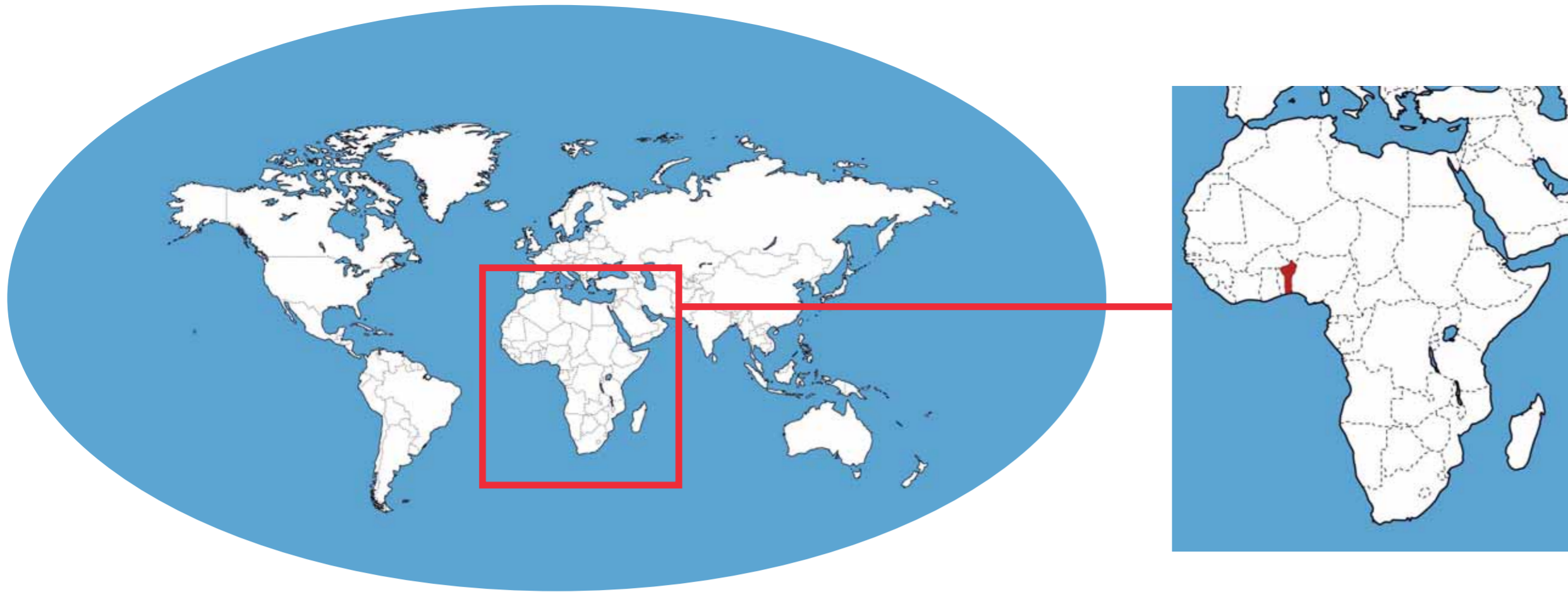


based on our members' input to PIARC's Technical Committees, draws conclusions relative to our own specific concerns.

Other activities are devoted to **field visits** of jobsites and exceptional engineering structures or to in-depth studies.

ABR-BWV also issues a number of **publications**, among which a brochure entitled *"The Citizens'road"* (La route citoyenne), highlighting the role of the road in modern society.

# BÉNIN



## AIPCR-CONABE

### COMITE NATIONAL BÉNOIS

### COMMITTEE OF BENIN

capeug@yahoo.fr

Le Comité national du Bénin (AIPCR-CONABE) a été créé en 2006.

*The Committee of Benin (AIPCR-CONABE) was set up in 2006.*



## ACTIVITÉS

Séminaire international 'Géotechnique et entretien des routes non revêtues' CT D.4

Cotonou, Bénin, 29-30 octobre 2009

Ce séminaire international a été organisé conjointement par le Ministère délégué auprès du Président de la République, chargé des Transports terrestres, des Transports aériens et des Travaux publics, et le Comité technique de l'AIPCR D.4 « Géotechnique et routes non revêtues » avec la participation du Comité béninois de l'AIPCR et l'AGEPAR.

## ACTIVITIES

*International seminar on 'Geotechnics and unpaved roads' TC D.4*

*Cotonou (Benin), 29-30 October 2009*

*This international Seminar has been jointly organized by the Ministry's delegate to the President of the Republic responsible for land Transport and the Public Works and the PIARC Technical Committee D.4 'Geotechnics and unpaved Roads', with the contribution of AGEPAR and the Benin's National Committee to PIARC. of African Road Managers and Partners (AGEPAR) and the PIARC Technical Committee B.1 'Good Governance of Road Administrations'.*

### DONNÉES GÉNÉRALES

CAPITALE	Porto-Novo
HABITANTS	8 791 833 (2009)
SUPERFICIE	114 763 km <sup>2</sup>
DENSITÉ	60 hab/km <sup>2</sup>
P.I.B./HAB.	1451 USD (2010)

### TRANSPORT ROUTIER AU BÉNIN

Le transport routier béninois occupe une place importante dans le système national des transports mais reste encore peu performant en raison de l'état de dégradation avancée des infrastructures.

D'importants travaux sont en cours et visent notamment la rénovation, la modernisation et l'extension du réseau routier béninois en vue de lui permettre de jouer pleinement son rôle dans le développement économique du pays et de la sous-région.

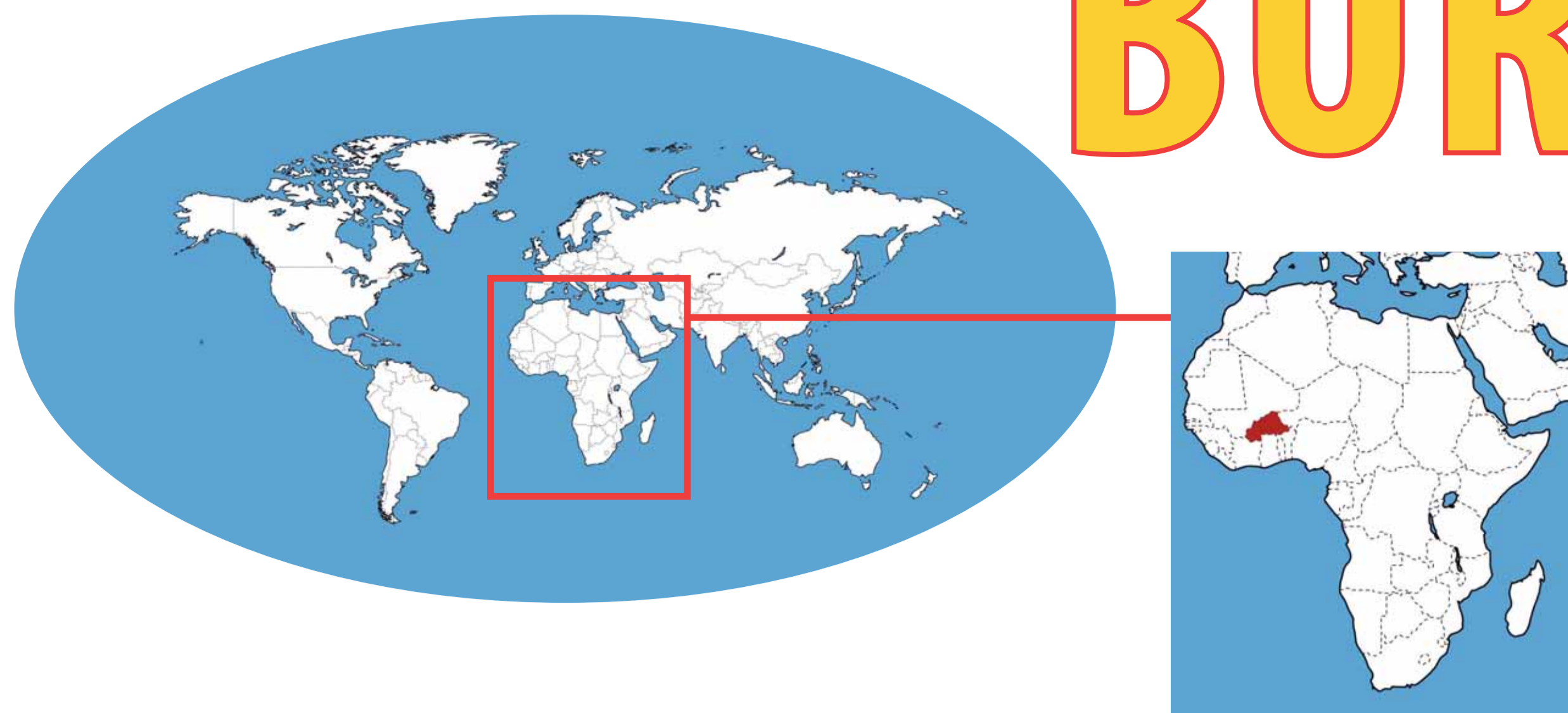
En effet, la position géographique du Bénin fait de lui, un pays de transit par excellence offrant aux pays de l'hinterland (Niger, Burkina Faso, Mali,...) une voie d'accès à la mer ; Cette position privilégiée qu'occupe le pays révèle une très forte demande de transport surtout en ce qui concerne le transport urbain. Le réseau routier du Bénin est d'environ 16000 Km répartis comme suit :

- routes nationales Inter-Etats : près de 3600 Km dont 40% sont bitumées ;
- routes de desserte rurale : environ 10500 Km ;
- voies municipales : 1 800 Km.

Plus de 80.000 véhicules toutes catégories confondues sont utilisés pour les transports urbain et interurbain de personnes et de marchandises. A cela il faut ajouter plus de 40.000 taxi motos communément appelés « ZEMIDJAN » dont les 3/4 sont concentrés à Cotonou.



# BURKINA FASO



## CB AIPCR

idosou@fasonet.bf - ageim@fasonet.bf



Stand du CB – AIPCR au SIRTRO

### DONNÉES SUR LE BURKINA FASO

Population (2010)	16 241 811 hab.
Superficie	274 200 km <sup>2</sup>
PIB/hab	483 \$ US
Linéaire totale de routes	61 272 km
Linéaire Routes Classées	15 272 km
Linéaire Pistes rurales	46 000 km
Routes bitumées	3 120 km

Le Burkina Faso a adhéré à l'Association Mondiale de la Route en 1990. A partir de cette date, il a pris part, et de façon régulière, aux congrès qui ont précédé la création de son Comité National.

C'est à partir de la création de ce Comité National, dénommé Comité Burkinabé de l'AIPCR (CB-AIPCR), en mai 2002, que

l'appartenance du pays à l'AIPCR sera beaucoup plus perçue, tant à l'intérieur qu'à l'extérieur. Les activités menées depuis sa création, par le CB-AIPCR, auront contribué, en grande partie à cela.

## ★ ACTIVITÉS MENÉES DEPUIS LA CRÉATION DU COMITÉ ★

### Au Burkina

Au cours des huit (08) dernières années, les activités du CB-AIPCR ont eu pour objectifs :

- faire connaître l'AIPCR par la communauté des routes et du transport routier du pays (exemple du Salon International de la Route et du Transport Routier SIRTRO) ;
- créer et renforcer un cadre d'échanges de connaissances et techniques du secteur.



### Au niveau africain

Le CB-AIPCR prend part à tous les séminaires internationaux de l'AIPCR organisés dans les pays de la sous-région : Dakar en 2003, Cotonou en 2007 et 2009, Lomé en 2006 et Bamako en 2006 et 2009.

Il a également contribué à la mise en place de quelques comités nationaux africains.



### Au niveau international

- Cycle 2004 – 2007, l'inscription de près de vingt membres de CB – AIPCR dans 16 Comités techniques sur 18 ;
- Cycle actuel 2008 – 2011, l'inscription de plus d'une vingtaine de membres dans presque tous les comités techniques.

Participation à divers séminaires techniques organisé sur d'autres continents au cours des deux cycles précédemment mentionnés.

