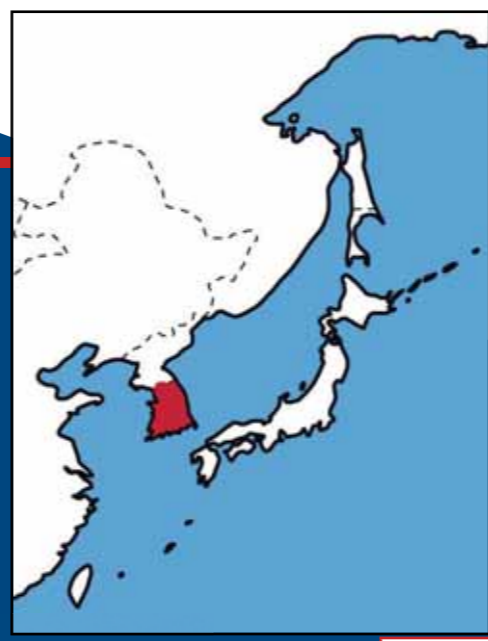


REPUBLIC OF KOREA



PIARC
Korean National Committee

PIARC KOREAN NATIONAL COMMITTEE (KNC)

www.wrakorea.or.kr/en/

- Established in 2007
- Located in Seoul, Korea
- Membership Strength: 53 (40 Individual members, 13 Collective members)
- Supporting Organizations:
 - > Ministry of Land, Transport and Maritime Affairs (MLTM)
 - > Korea Expressway Corporation (KEC)
 - > Other public organizations, research institutes, universities, road-related private companies

GENERAL STATUS OF KOREA (2010)

POPULATION	48.9 million
TOTAL AREA	99,720 km ²
GDP PER CAPITA	20,590 US\$
TOTAL LENGTH OF ROADS	105,565 km
TOLL EXPRESSWAYS	3,859 km
NO. OF REGISTERED VEHICLES	17.9 million
FATALITIES	5,505 persons
INJURED ROAD USERS	352,458 persons



ACTIVITIES OF KNC

The Executive Committee Meeting is held three times a year and the Annual General Meeting once a year. These meetings cover important policies and issues with regards to the operation of the National Committee. For knowledge sharing purposes, seminars usually take place in conjunction with these meetings.

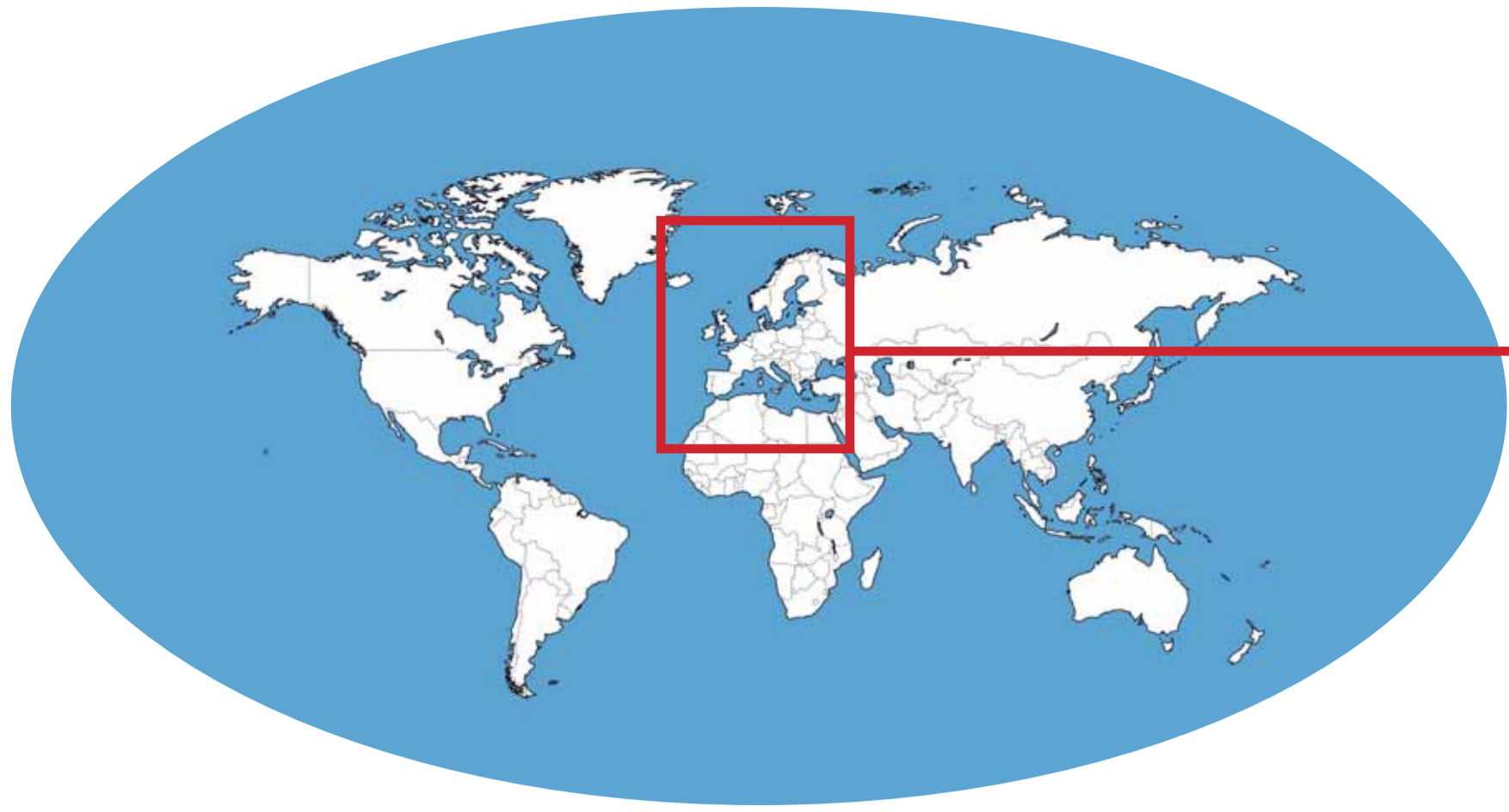


PREPARATION FOR THE XXVTH WORLD ROAD CONGRESS

The Korean National Committee has played an important role in the successful hosting of the XXVth World Road Congress to be held in 2015. As a follow-up procedure, the Korean National Committee officially launched the Preparation Committee for the XXVth World Road Congress Seoul 2015 in March 2011. Strong support for the Preparation Committee has been obtained from the government, public and private sectors.



ROMANIA



ROMANIAN NATIONAL COMMITTEE

www.apdp.ro

The National Council of the Professional Association of Roads and Bridges from Romania represents the Romanian National Committee of the World Road Association (AIPCR/PIARC).

ROMANIA - SYNTHETIC DATA	
TOTAL AREA	238,351 km ²
INHABITANTS	21,680,000
TOTAL NATIONAL ROADS	16,780.44 km
- MOTORWAYS	321.98 km
- EUROPEAN ROADS	6181.70 km
- MAIN NATIONAL ROADS	4127.50 km
- SECONDARY NATIONAL ROADS	6149.26 km

The Romanian National Committee was acknowledged by AIPCR/PIARC at the meeting of the Executive Committee in October 2001. The Professional Association of Roads and Bridges from Romania (A.P.D.P.) was founded based on the Romanian Laws on April 28, 1990. A.P.D.P. is a non-profit apolitical professional organization and it represents the professional interests of the specialists working in the roads and bridges industry.

RECENT ACTIVITIES

The XIIIth National Congress of Roads and Bridges took place in September 2010, four strategic themes (A-B-C-D) according to PIARC being discussed. More than 100 works showing the concerns of both the Romanian and of the invited specialists from abroad were presented and a technical exhibition was organized.



In June 2010, the meeting of the Technical Committees of AIPCR – Strategic Theme D – Quality of Road Infrastructure took place in Timisoara.

The Romanian National Committee coordinated the organization of the international working sessions of the following Technical Committees:

- the 3rd working meeting of the Technical Committee A.4 Rural Road Systems and Accessibility to Rural Areas
- the 6th meeting of the Technical Committee B.3 – Improved Mobility in Urban Areas
- the first International Seminar AIPCR with theme TC C.3 regarding the Managing Operational Risk in National and International Road Operations
- the working international meeting of TC AIPCR D.3 Road Bridges
- an international seminar with theme Environment and Durable Transport.

Training Courses

The Romanian National Committee in partnership with the technical universities from the country, organized training courses for specialists of road and bridge industry.





SÉNÉGAL



CNS-AIPCR COMITE NATIONAL SÉNÉGALAIS

ssic@orange.sn

DONNÉES GÉNÉRALES - GENERAL DATA

CAPITALE/CAPITAL	Dakar
HAB./INHABITANTS	14 086 103
SUPERFICIE/TOTAL AREA	196 192 km ²
DENSITE/DENSITY	66,58 hab/km ²
P.I.B./HAB. - GNP/PERSON	1700 USD (2009) <small>Source: CIA World Factbook</small>
RESEAU ROUTIER ROAD NETWORK	13 576 km (2003) dont/among which: - 3 972 km de routes bitumées/ of paved roads - 9 604 km de pistes/of trails



Le Sénégal, officiellement la République du Sénégal, est un pays d'Afrique de l'Ouest, bordé par l'océan Atlantique à l'ouest, la Mauritanie au nord et l'est, le Mali à l'est et la Guinée et la Guinée-Bissau au sud. La Gambie forme une quasi-enclave dans le Sénégal, pénétrant à plus de 300 km à l'intérieur des terres (et séparant du reste du pays la région naturelle de Casamance).

Senegal, officially the Republic of Senegal, is a country south of the Sénégal River in western Africa. It owes its name to the river that borders it to the east and north. Senegal is externally bounded by the Atlantic Ocean to the west, Mauritania to the north, Mali to the east, and Guinea and Guinea-Bissau to the south; internally it almost completely surrounds The Gambia, namely on the north, east and south, exempting Gambia's short Atlantic Ocean coastline.



Construction de la première autoroute à péage - Construction of the first toll highway (2008) © Rignese

Les moyens de transport au Sénégal restent souvent traditionnels (charrette, pirogue), même si de nombreux projets d'équipement sont en cours (autoroute, nouvel aéroport). Les réseaux sont plus denses à l'Ouest du pays et la circulation des marchandises et des personnes est particulièrement difficile vers Dakar et la presqu'île du Cap-Vert. Les infrastructures sont plus rares dans le Sénégal oriental et le désenclavement de ces régions constitue un véritable défi.

La première autoroute sénégalaise à péage consiste en un tronçon de 34 km entre Dakar et Diamniadio, desservant également le nouvel Aéroport international Blaise Diagne, situé à 42 km de Dakar (Ndiass). La mise en service de cette autoroute est prévue pour 2012.

Au Sénégal le réseau routier est très étendu, selon les standards de l'Afrique de l'Ouest. Des routes goudronnées permettent d'atteindre les plus grandes villes de chaque région, qu'elles relient aux pays limitrophes et en particulier à l'ouest de la Gambie.

Les taxis sont un mode de transport populaire. Les célèbres taxis jaunes et noirs sont omniprésents dans la capitale et dans toute la presqu'île du Cap-Vert, mais on en trouve aussi à Ziguinchor, Kaolack, Saint-Louis, Touba, Tambacounda, Thiès et Fatick. Leur utilisation est souvent collective. Le taxi-brousse permet de parcourir de longues distances à travers le pays.

Abondamment décorés et couverts d'inscriptions religieuses (Alhamdoulillah !), les bus font partie intégrante du paysage sénégalais.

On les appelle aussi *mille-kilos* ou *22-places*. Ils sont utilisés pour des trajets urbains ou interurbains.



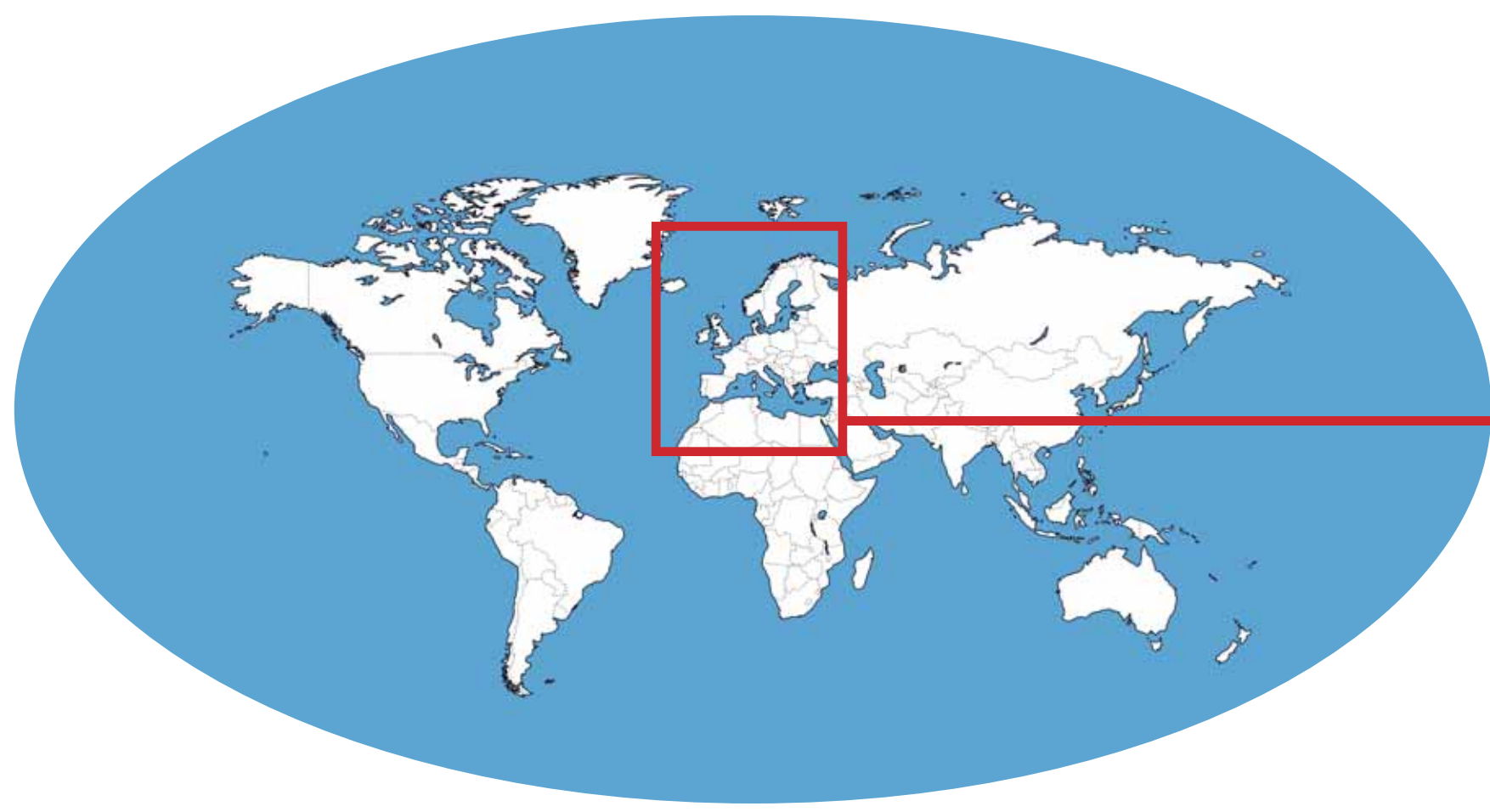
Piste en latérite reliant la Gambie (Njau) au Sénégal
Rural road in laterite linked Gambia (Njau) to Senegal



Taxi © Ji-Elle



Un bus blanc aux environs de Thiès - A white bus around Thiès



SLOVAKIA



SLOVAK NATIONAL COMMITTEE

ssc.sk

The Slovak National Committee was established in 1994 and includes members from the Ministry of Transport, road administrations, universities, professional institutions and private companies. The

National Committee cooperates with the respective transport sector professionals to organise regular technical and scientific events, thus fulfilling the mission of the committee in promoting knowledge

transfer, new ideas and creating sound conditions for training and education of new professionals in developing a modern transport system. Some National

Committee members are also representatives on PIARC technical committees. The Slovak Road Administration acts as secretariat on behalf of the Slovak National Committee.



SOME FACTS ON SLOVAKIA AS OF 31 DECEMBER 2010

Inhabitants	5.4 million
Total area	49,033 km ²
GNI per capita*	16,130 US\$
Total roads	43,888 km
Density	529.1 km/1,000 km ²
Density	4.8 km/1,000 population
National and regional roads	17,946 km
Toll roads	2,441 km
Traffic accidents	21,595 per year
Injured	8,140 per year
Fatalities	346 per year
Motorisation*	294 vehicles/1,000 population
Goods transport by road*	27.7 bn tonne-km/year
Modal split road freight transport*	77.9 %
Modal split passenger cars transport*	74.9 %

*2009

RECENT ACTIVITIES

SURFACING KNOWLEDGE AND SKILLS

Road Conference 2011,

on road management, road network development, modernization, planning, funding and financing, legislation, organised by Slovak Road Society.

cestnaspol.sk

MOBILITA'11

- 11th International Scientific Conference "Integrated and Safe Infrastructure for Sustainable Mobility", on accessibility and mobility in terms of the global financial crisis and required solutions, organised by the Slovak University of Technology, Bratislava.

svf.stuba.sk

XIIth Traffic Engineering Days International Seminar

"Urban communications from the investor, manager, contractor perspective", organised jointly by Czech Road Society and Slovak Road Society in Czech Republic.

cestnaspol.sk

VIth Ivan Poliaček International Seminar

"Energy Consumption and Energy Savings Technologies for Road and Highway Construction", organised jointly by the Slovak University of Technology, Bratislava, Slovak Road Society and Slovak Chamber of Civil Engineers.

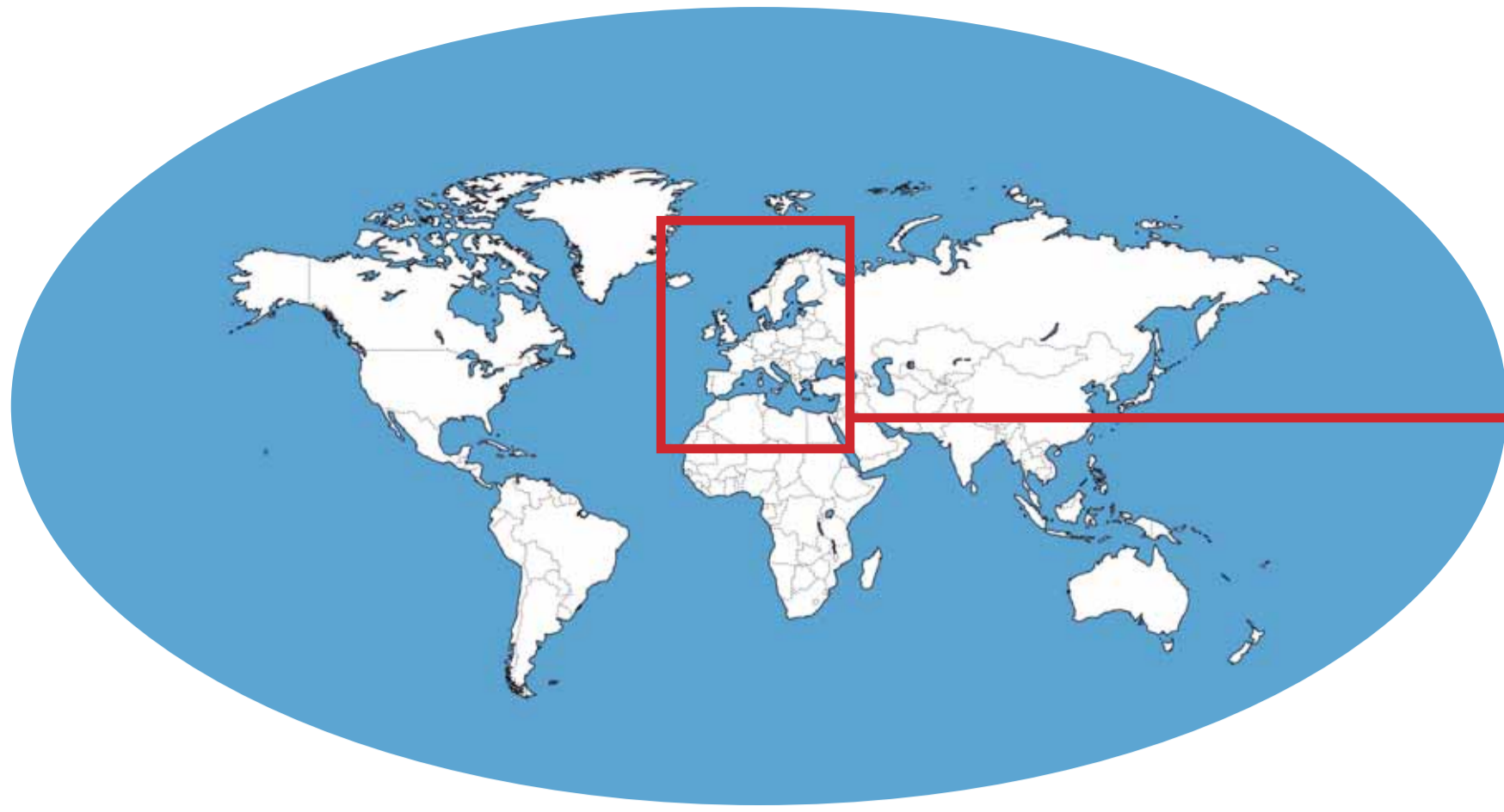
svf.stuba.sk

13th International Scientific Conference Q2011

"Construction, funding and tolling the roads and highways", on new methods of preparation and construction based on various funding and financing models and programs for the nearest period, organised by University of Zilina.

q2011.uniza.sk

SLOVENIA



NC PIARC SLOVENIA www.nc-piarc.si

The Republic of Slovenia has been a part of the World Road Association since 1995. To intensify our international involvement in the Association, in the year 1999 the Slovenia National Committee was established. Around 25 collective and individual members are permanently involved in the committee, ranging from business companies, government institutions, research facilities and individual experts. Our national committee remains firmly connected to the Slovenian Roads Agency proving that there is support for international cooperation and exchange of knowledge from the highest road authorities in Slovenia.

Due to the global financial situation, our current task is help revitalize road construction in Slovenia. We are using our international connections and promotion of research results from abroad to present some new investment opportunities for Slovenian companies.

In the year 2009 we celebrated a 10th anniversary of uninterrupted operation and we continue to be a recognizable part of the Slovenian transport community.

THE SLOVENIAN TRANSPORT SYSTEM	
Inhabitants	2.051.000
Total area	20.273 km ²
GNP per person	17,6 billion €
Total roads	38.921 km
Highways	606 km
Vehicles per 1000 inhabitants	517
Annual kms traveled	57,8 bn km
Annual goods transport	14762 bn km
Injured per year	12114
Fatalities per year	171
Modal split car transport	86,5%



RECENT ACTIVITIES OF THE SLOVENIAN NATIONAL COMMITTEE

Knowledge transfer – workshops

In 2011 we will start organizing workshops in Slovenia to disseminate results of work in Technical Committees. In the first workshop we will discuss traffic safety issues with our colleague from Technical committee C.1.

Future Investments in Transport Infrastructure

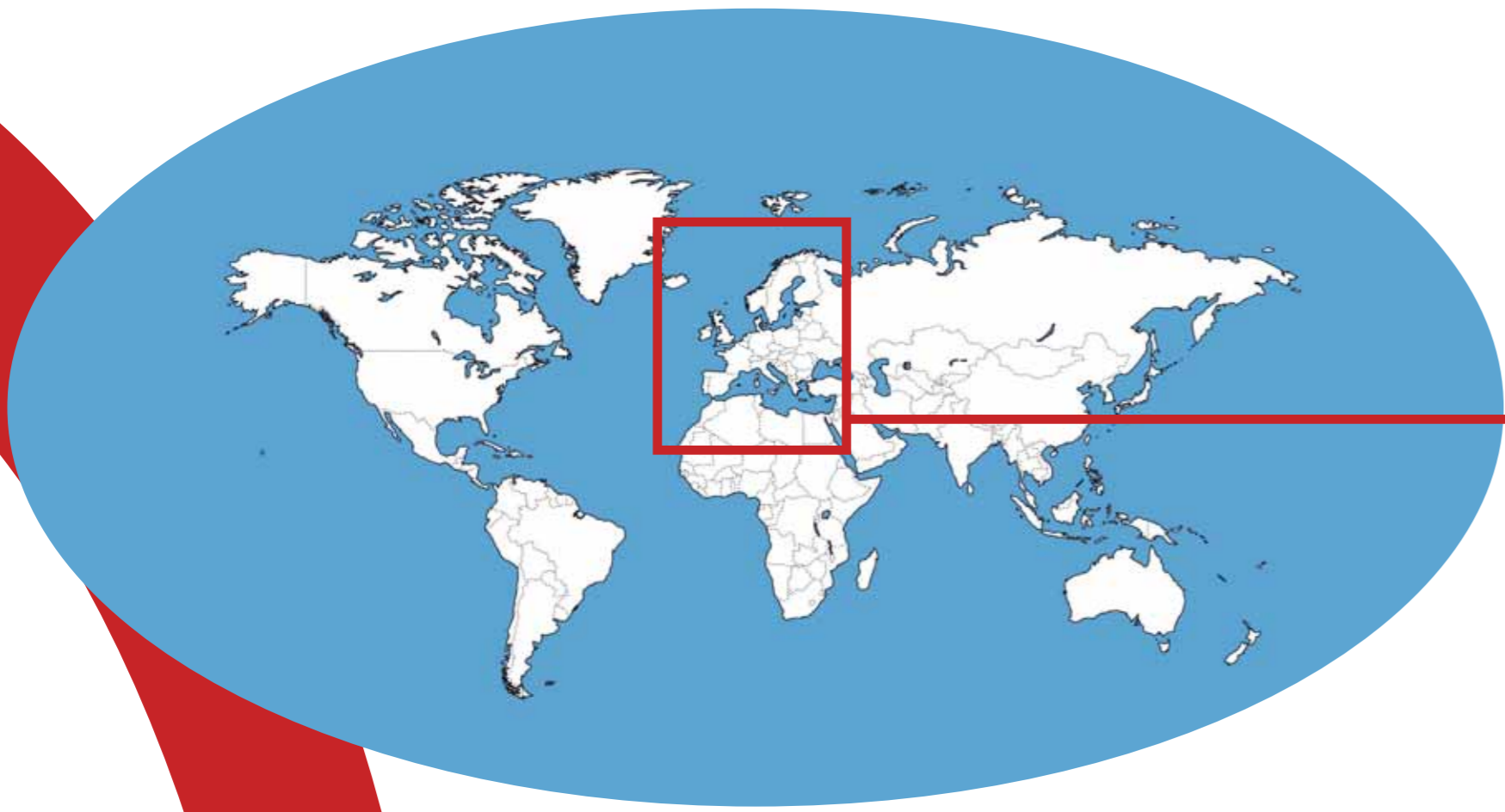
Representatives of the Slovenian Roads Agency, together with the First Delegate of the Slovenia, participated in the “New Investment Projects in Traffic Infrastructure” conference, organized under the MEGRA 2011 - International Construction Fair.

Promotional activities

We will redesign and publish our presentational brochure and other promotional material of the National Committee to make ourselves even more recognizable to the general public.



SPAIN



asociación técnica de carreteras

comité español de la asociación mundial de carreteras

NC PIARC SPAIN www.atc-piarc.com

The Spanish National Committee was created in 1934 and actively cooperates with the Spanish experts in the national and international Technical Committees as well as through its participation in World Road Congresses.

El Comité Español de la AIPCR fue creado en 1934 y ha venido colaborando con la cooperación de los técnicos españoles en los Comités Técnicos Nacionales e Internacionales así como con la presencia española en los Congresos Mundiales de Carreteras.

THE SPANISH TRANSPORT SYSTEM

INHABITANTS	46.157.822
TOTAL AREA	504,750 km ²
DENSITY	91,4 hab/km ²
TOTAL ROADS	165.466 km; 52,9% veh-km
TOTAL HIGHWAYS	15.621 km
Nº VEH	30.318.457
Nº VEHÍCULOS/1.000 HAB.	685
	392.450 mill de passenger/km
	352.515 mill de ton./km
INTERIOR TRAVELER TRAFFIC	89,5% BY ROAD
INTERIOR FREIGHT TRAFFIC	83,9% BY ROAD

RECENT ACTIVITIES

The Spanish National Committee regularly organizes Technical Seminars of considerable scope with the participation of technicians from different fields representing Road Authorities, Private Enterprises and Universities.

In addition the Spanish National Committee regularly organizes one-day Technical Seminars where highly technical topics are presented, discussed, and where the work of the National Technical Committees are presented and published.

RUTAS MAGAZINE

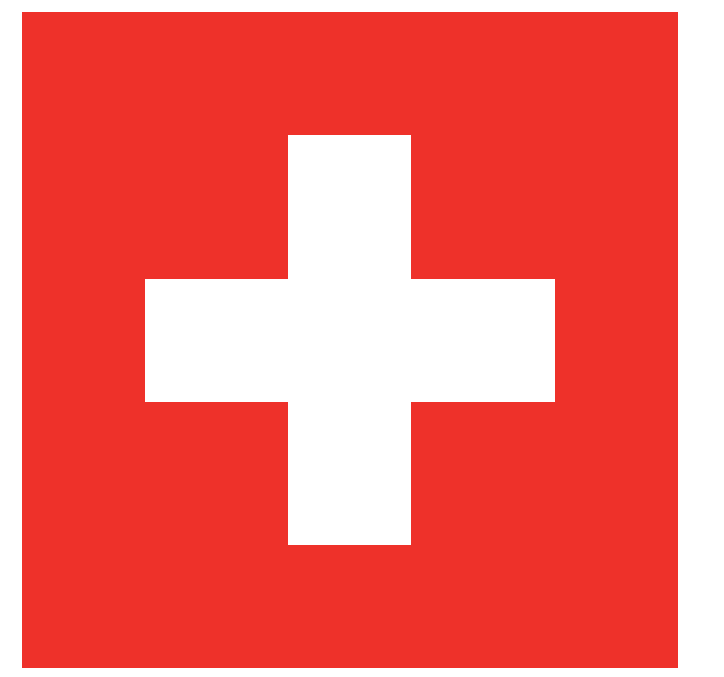
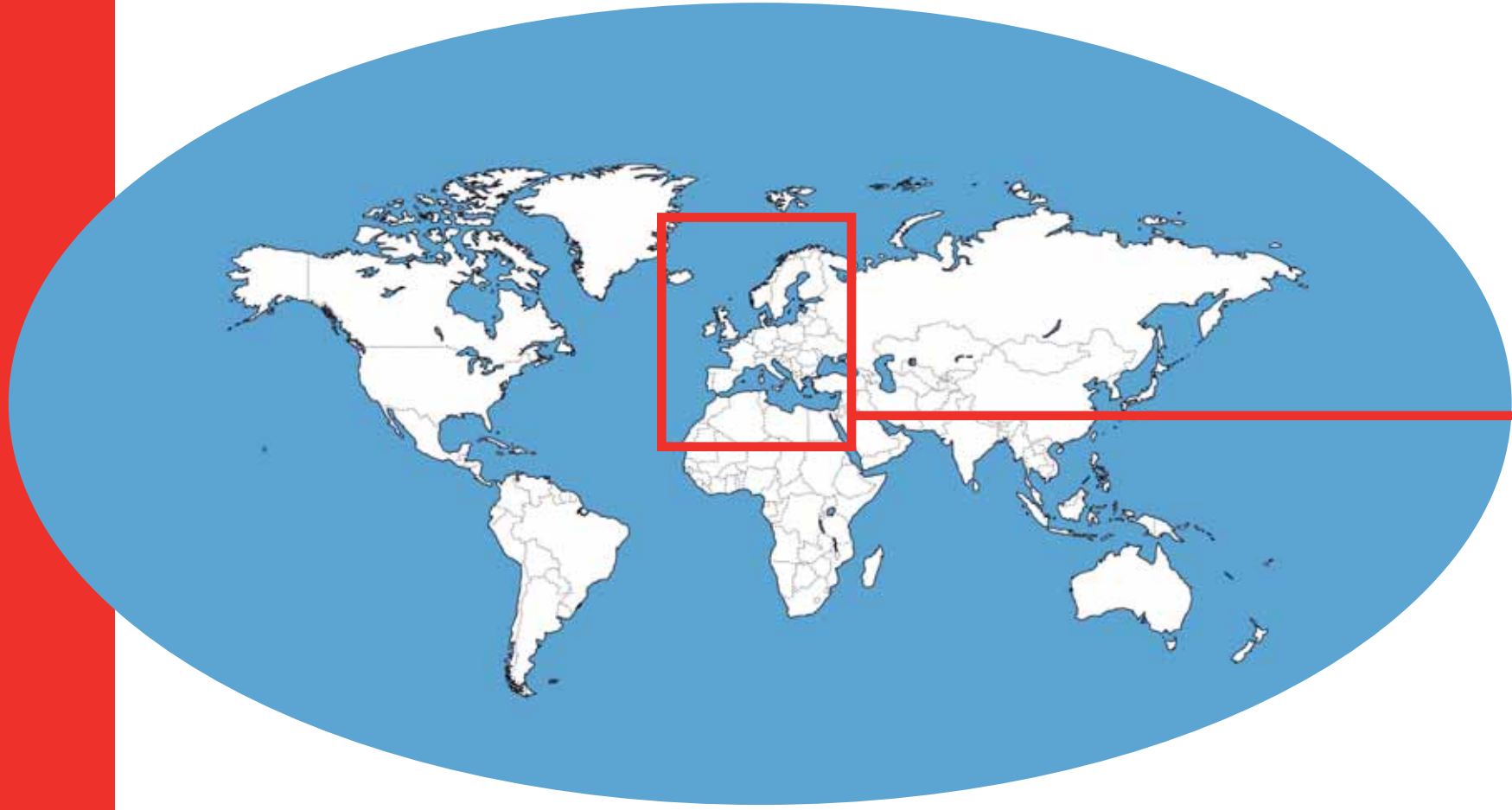
The technical and informative bimonthly magazine of the Spanish National Committee, RUTAS Magazine, is distributed in Spain and in Latin America. Issues are sent and distributed to different subscribers from all Spanish speaking countries.

RUTAS Magazine is distributed digitally through RUTAS Magazine ONLINE: The complete download of the magazine which ensures its worldwide Distribution. This option is only available for our members.

Digital RUTAS Magazine: DATABASE CONTAINING ALL PUBLISHED ARTICLES FROM NUMBER 1 AND MUCH OF THE PUBLICATIONS OF THE Technical ROAD ASSOCIATION



SWITZERLAND



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Roads Office FEDRO

Swiss Confederation

SWISS NATIONAL COMMITTEE

www.astra.admin.ch

www.aipcr.ch



Switzerland has been a member of PIARC since 1932 and as such is one of the oldest member countries. Members of PIARC's technical committees work closely with the Federal Roads Office FEDRO in a number of areas. With its highly developed road network Switzerland can make valuable contributions in the technical committees and can also benefit from the experiences of other countries, which are of great interest to Switzerland.

For more information, please visit our stand.

SWITZERLAND	
INHABITANTS	7,7 Mio
TOTAL AREA	41,285 km ²
GPD PER CAPITA	43,903 USD
TOTAL NETWORK - MOTORWAYS	1,790 km
TOTAL MOTOR VEHICLES	5,273,297
VEHICLES PER 1000 INHABITANTS	514
INJURED ON ROAD PER YEAR	20,506
FATALITIES ON ROAD PER YEAR	349



The Saint-Gotthard range makes for a natural barrier between northern and southern Europe.
This shot was taken near the southern entrance to the rail tunnel.
© Alp Transit Gotthard AG



RECENT ACTIVITIES

Speed checks over a length of road – A first in Switzerland

Since January 2011, FEDRO has been testing the first average speed enforcement system with driver recognition. The principle of the new installation is not to measure speed at one particular point, but instead to measure average speed over a set distance.

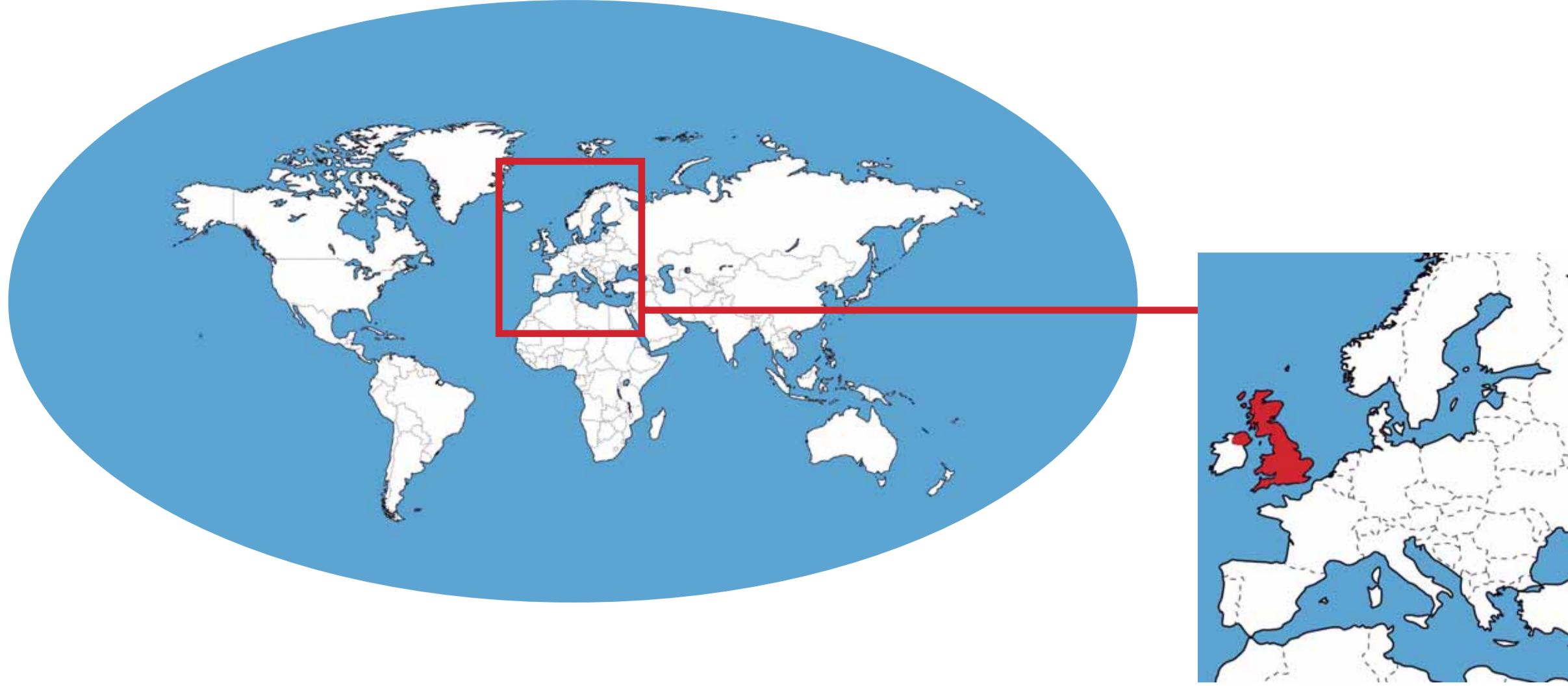
Gotthard road tunnel refurbishment

The Gotthard road tunnel has now been in operation for around 30 years. By the end of 2009 over 159 million vehicles had passed through the tunnel. Between 2020 and 2025 the tunnel will have to undergo extensive refurbishment. The refurbishment will consist of structural renewal measures and upgrading work to ensure compliance with enhanced safety standards and regulations.

Natural Hazards along Switzerland's motorways

Around 240 kilometers of Switzerland's motorway network have to be protected against natural hazards such as rockfalls, landslides and mudslides, etc. Every eighth kilometer is exposed to such potential hazards, and the risks are particularly high for stretches in mountain regions.

UNITED KINGDOM



**UNITED KINGDOM COMMITTEE
(WRA UK)**
www.piarc.co.uk

The World Road Association of the United Kingdom exists to disseminate the work of PIARC to its members, and represent the interests of the UK within PIARC. It also has objectives to support the work of WRA and its Executive Committee; to promote and organise National Congresses and other meetings; and to support and guide UK members on international committees. It also co-ordinates and promotes the UK presence at World Road Congresses. WRA UK assists with the transfer of UK knowledge and expertise to other countries and we aim to learn from other countries to ensure an improved operation of the transport network within the UK.

THE TRANSPORT SYSTEM OF GREAT BRITAIN

Inhabitants (inc N. Ireland)	61.8 million
Total Area	242,910 km ²
GNP per capita	\$37,600
Total Roads	392,000 km
Motorways	3,528 km
A Roads	46,600 km
Total vehicle ownership	34 million
Vehicles per inhabitant	0.55
Annual car-kilometers	399 billion vehicle km
Annual kms traveled	554 billion vehicle Km
Annual goods transport	92.9 billion vehicle Km
Injured per year	220,000
Fatalities per year	2,200
Modal split car transport	85%
Modal split public transport	14%

The Engineering Council is the UK regulatory body for the engineering profession. It holds the national registers of 235,000 Chartered Engineers (CEng), Incorporated Engineers (IEng), Engineering Technicians (EngTech) and Information and Communications Technology Technicians (ICTTech).

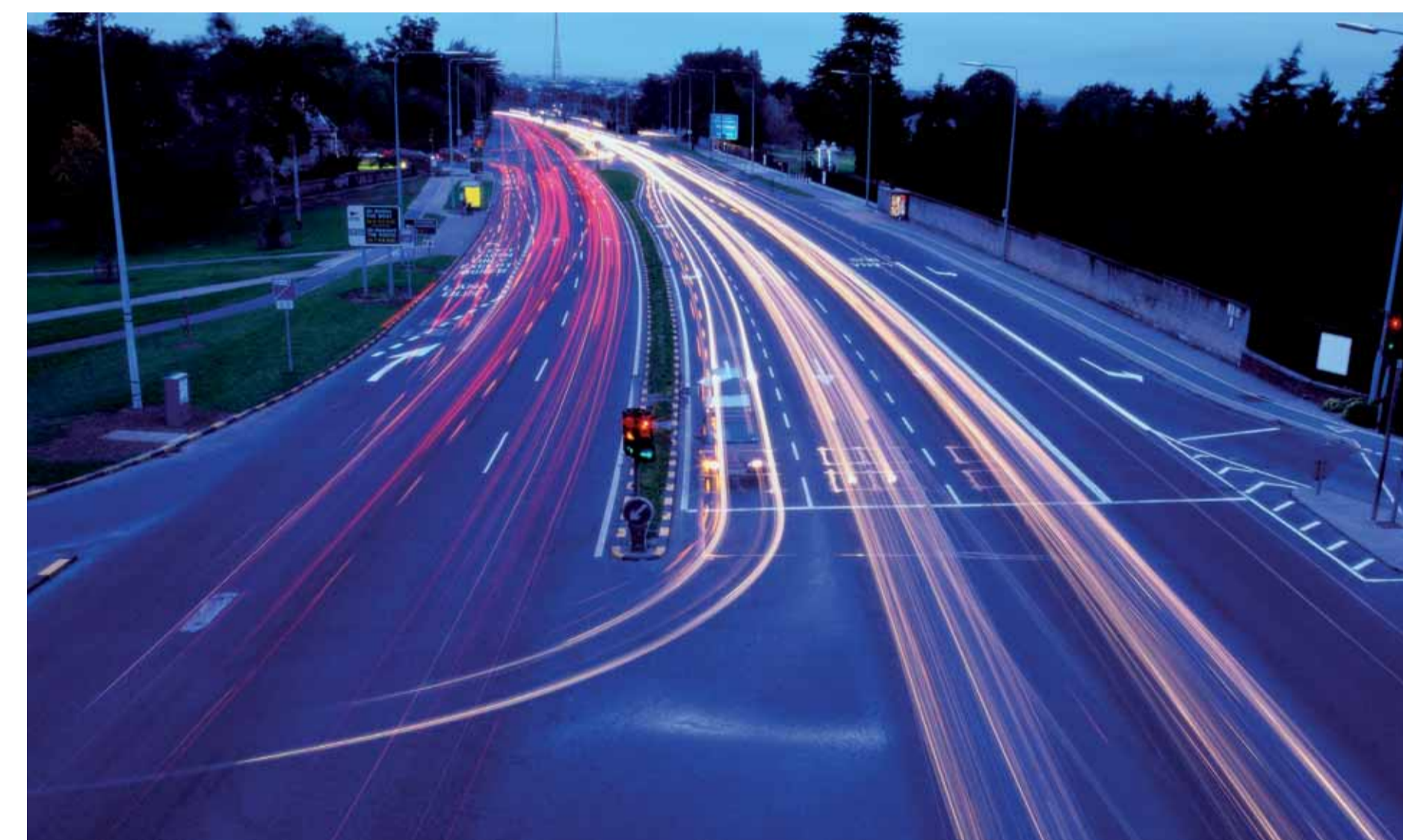


There are over 60 companies engaged in the Roads and Road Bridges sector. The top companies, all having UK Headquarters, have a total fee value of over £1.1 billion from commissions in the roads sector both in the UK and overseas. They employ over 55,000 professional staff.

RECENT ACTIVITIES

KEEPING IN CONTACT

WRA UK host an annual technical representatives meeting and ask for updates from the representatives for the bi-annual newsletter that goes out the WRA UK membership. There are three meetings a year of the WRA UK National Committee and there are plans to align the work of the national committee more closely to the work of the UK Roads Liaison Group.



AN ANNUAL CONGRESS EVENT SHARING INTERNATIONAL GOOD PRACTICE

In 2010 the Executive Committee hosted their annual congress event and the theme for this year was on road safety. In coordination with the congress event, the UK hosted the meeting of the Technical Committee C1 Safer Roads Infrastructure. The integration of the two events meant that congress was able to draw on international good practice for road safety. The congress event was very successful and to disseminate the learning more widely, after the event, the Executive Committee made all the

slides and audio clips available from their website www.piarc.co.uk

INFORMATION SHARING THROUGH SOCIAL NETWORKING

The Committee continue to publish their newsletter which helps keep the community of members up-to-date with the activities of WRA UK and this is published online. The Committee has also gained support from the Department for Transport, the UK Roads Liaison Group and the Transport Research Board (United States) to stream a live twitter update feed on the homepage of the WRA UK website thereby enabling a live news environment to be shared with the WRA community from the UK.

