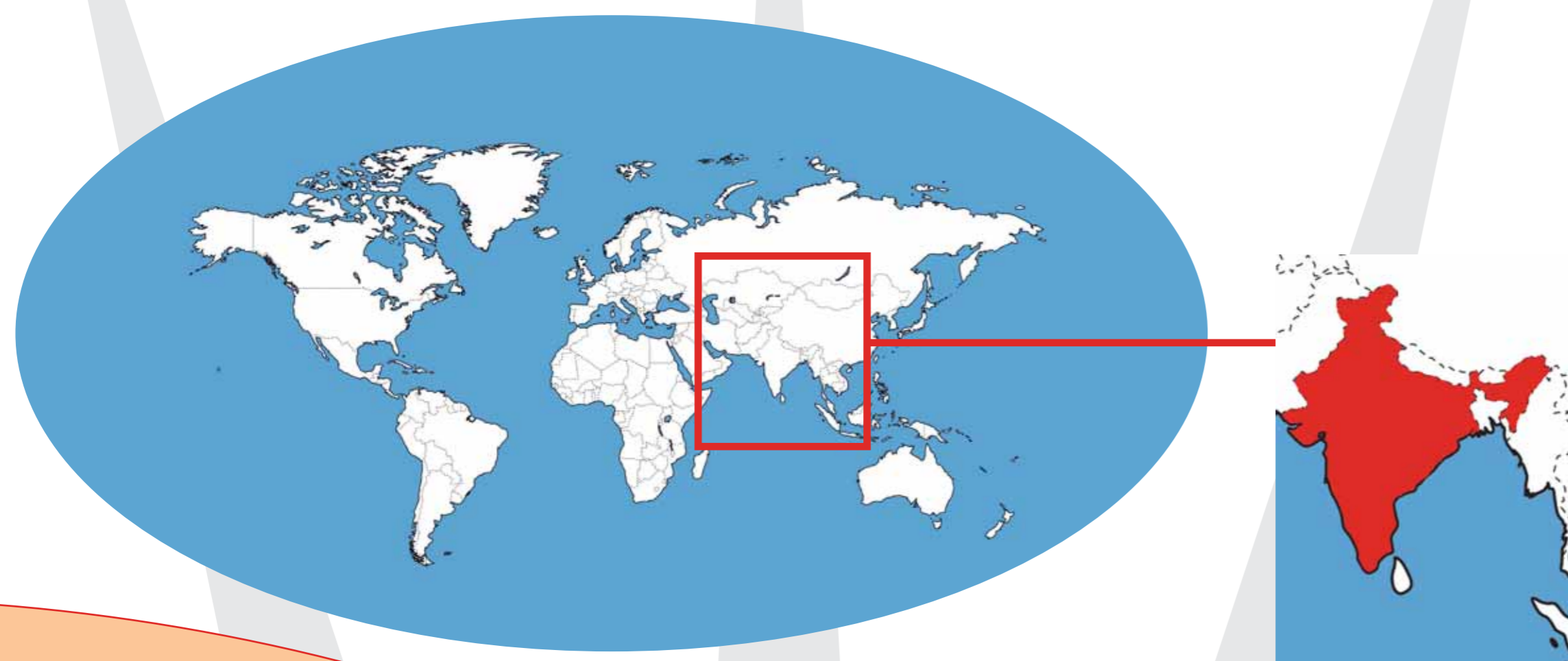


INDIA



IRC - INDIAN NATIONAL COMMITTEE

www.irc.org.in

The Indian Roads Congress (IRC) was set up in December, 1934 on the recommendations of the Indian Road Development Committee best known as Jayakar Committee set up by the Govt. of India with the objective of Road Development in India. As the activities of the IRC expanded, it was formally registered as a Society in 1937 and has fulfilled the role of National Committee.

The objectives of the IRC are:

- to promote and encourage the science and practice of building, operation and maintenance of roads.
- to provide a channel for the expression of collective opinion of its members regarding roads.
- to promote the use of standard specifications and to propose specifications.
- to advise regarding education, experiment and research connected with roads.
- to hold periodical meetings to discuss technical questions regarding roads and thus disseminate technical knowledge of experiences amongst highway engineers
- to suggest legislation for the development, improvement and protections of roads.
- to suggest improved methods of administration, planning, design, construction, operation, use and maintenance of roads.
- to establish, furnish and maintain libraries and museums for furthering the science of road making.
- to publish, or arrange for the publication of proceedings, journals and periodicals.

POPULATION	1 210 193 422 (2011)
SUPERFICIE - TOTAL AREA	3 287 263 km ²
PIB/HABITANT - GDP PER CAPITA	3,105 USD (2009)
ROAD NETWORK (IN KM)	
ROAD NETWORK	3.3 million
EXPRESSWAYS	200
NATIONAL HIGHWAYS	70934
OTHER PWD ROADS	863241
RURAL ROADS	2577396
URBAN ROADS	574516

Modal Shift

- About 65% of freight and 80% passenger traffic is carried by the roads.
- National Highways constitute only about 2% of the road network but carry about 40% of the total road traffic.
- Number of vehicles has been growing at an average pace of 10.16% per annum over the last five years.

Source: IRC - *Source: Wikipedia

SEMINARS.

In order to pool latest knowledge on various topics relevant to planning, design, construction, operation and maintenance of roads and bridges in the country and to disseminate knowledge to the highway professionals, the IRC organizes national and international seminars as *Reducing the Carbon Footprint in Road Construction* (February 2011) - *Roads in High Precipitation Areas* (February 2010) - *Public Private Partnership in Highway Sector* (August 2009).

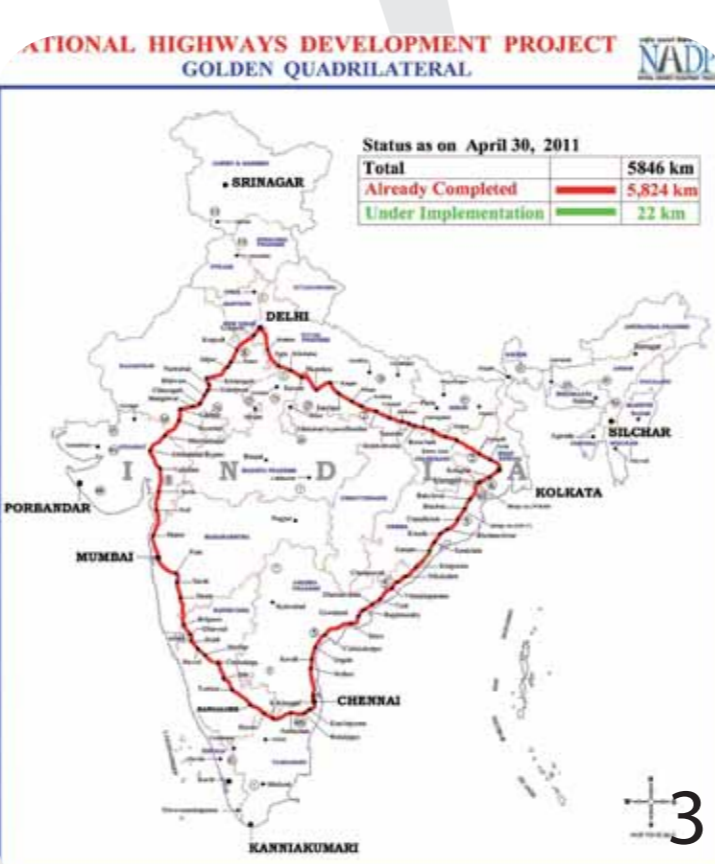
WORKSHOPS.

Regional Workshops are organized on various topics in different regions of the Country for the benefits of highway engineers of that particular region. These Workshops are hosted by various State Governments on the request of the IRC. *Promoting Usage of New Materials/Technologies/Equipment* (October 2010) - *Quality Assurance and Quality Control in Road & Bridge Projects* (April 2010).

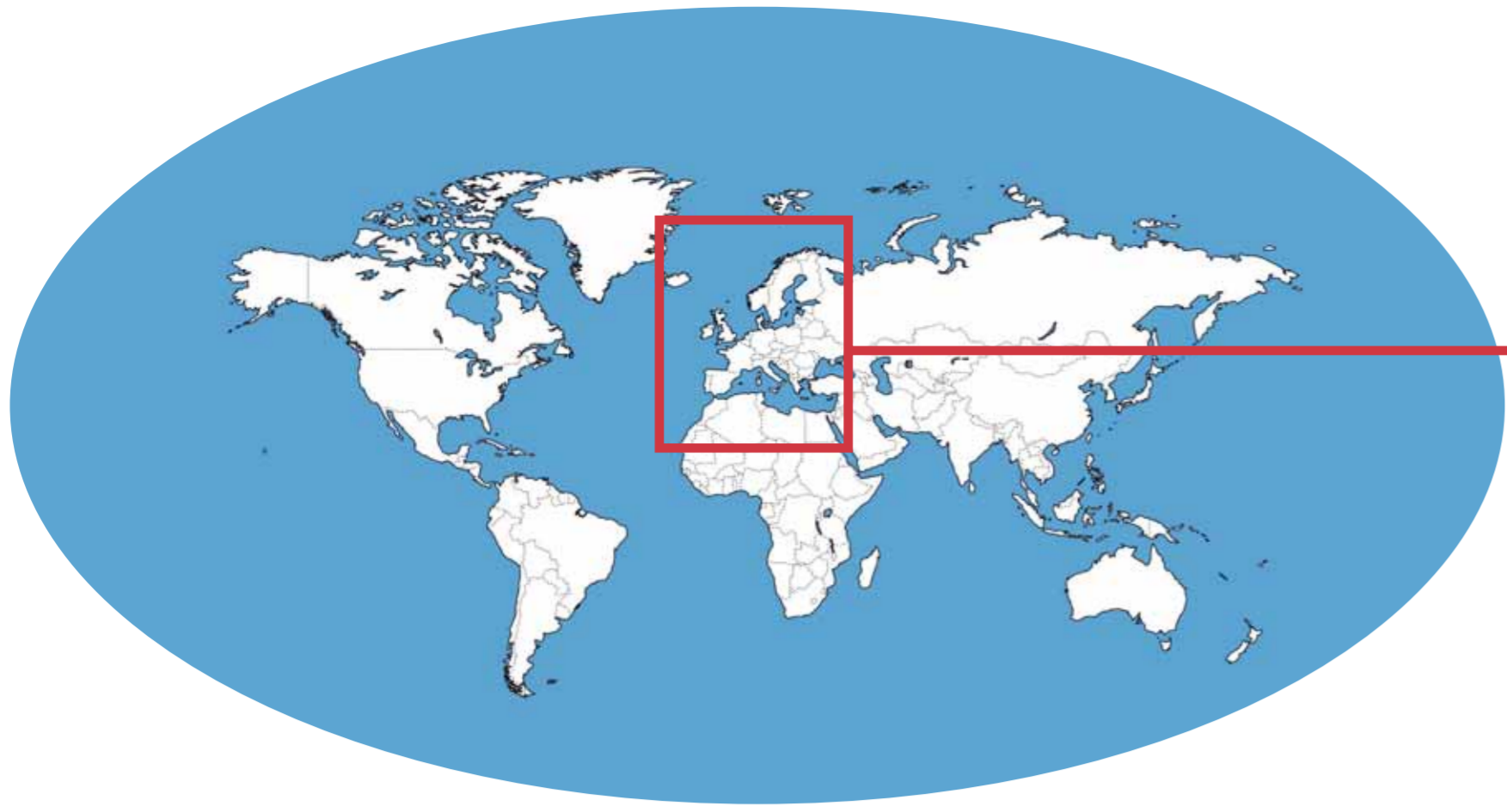
PUBLICATION OF THE IRC JOURNAL.

Some available articles regard: *Shock Transmission units for earthquake load distribution* - *Development of pavement management system (pms) for national highways ...* - *Capacity Estimation Procedure for Two-Lane Roads Under Mixed Traffic Conditions.*

ACTIVITIES



Picture 1: Sealink Bridge (Mumbai)
Picture 2: Cycle-rickshaws
Picture 3: Golden quadrilateral-NHDP



ITALY



ITALIAN NATIONAL COMMITTEE (INC)

www.aipcr.it



1913: the Italian Government joins PIARC

1945: creation of the Italian National Committee (INC)

At a national level, INC coordinates the activity of the Association by means of its Technical Committees that carry out their study and research activity in strict cooperation with the General Secretariat in Paris.

INC organizes Seminars, Workshops, Congresses and monitors the publications edition and dissemination. It undertakes specific studies that are particularly relevant for the competent Ministry, Anas, Regional Authorities, Collective Members.

THE ITALIAN TRANSPORT SYSTEM

INHABITANTS	60,5 millions
TOTAL AREA	301.336 km ²
NATIONAL AND REGIONAL ROADS	183.704 Km
TOTAL HIGHWAYS	5.724 Km
ANNUAL TOLL REVENUE	5.811 million € (Year 2009)
NUMBER OF VEHICLES	52.600 millions (0,8 per inhab.)
DRIVING LICENCES	35.600 millions
FREIGHT ROAD TRANSPORT	1.500 million tons (year 2007)
FATALITIES IN 2009	4.237
INJURED IN 2009 (- 40% from 2000)	307.258

RECENT ACTIVITIES

XXVI CONVEGNO NAZIONALE STRADALE AIPCR



Held every four years, the most recent Road National Congress in Rome, saw the participation of about 280 professionals.

In preparation of the World Road Congress, it therefore focused on

the same Strategic Themes.

For such event INC published 11 technical reports drafted by the Committees as well as a volume collecting numerous papers concerning the four Strategic Themes.

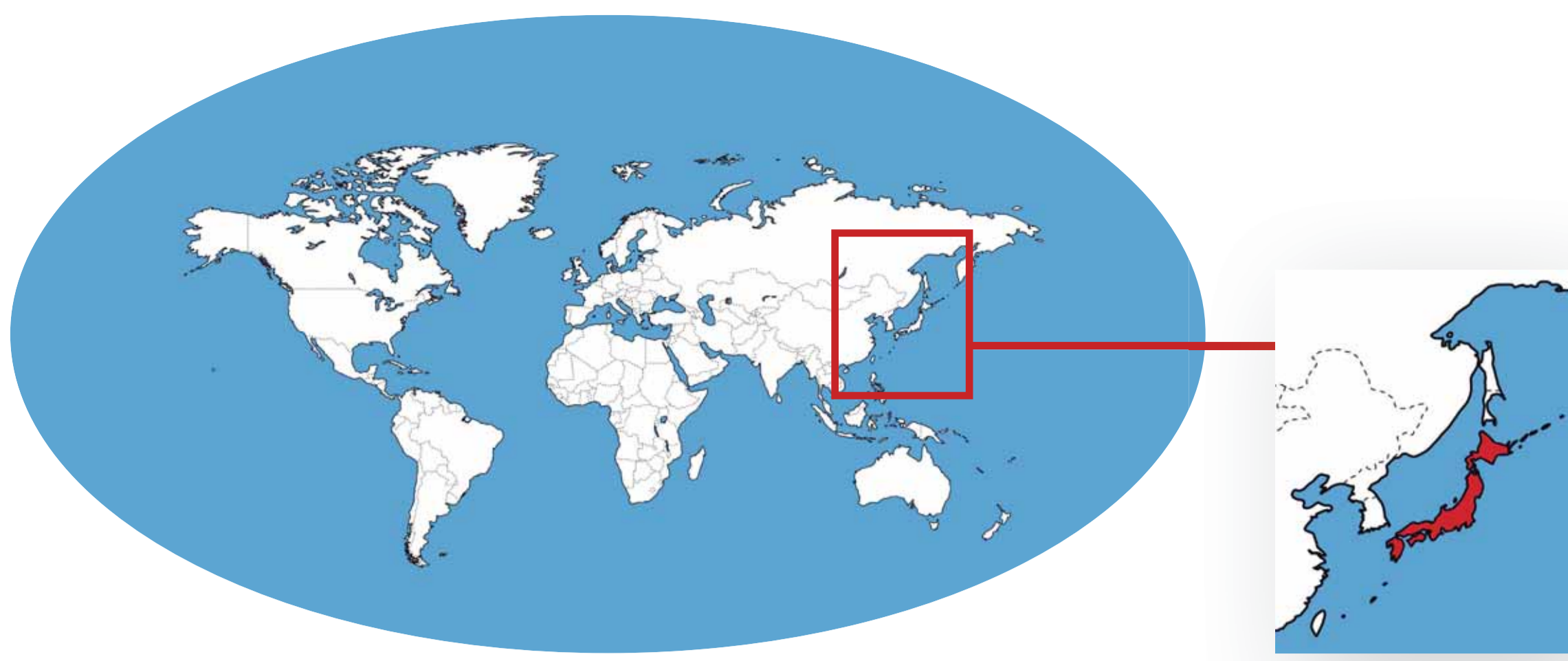
WORKSHOP SINA/PIARC Managing operational risk in road operation, Rome, May 2010

The workshop focused on a correct understanding and a suitable management of risks related to the road operation, having a key importance both for the safety of the transit and for the safeguard of infrastructures and the environment.

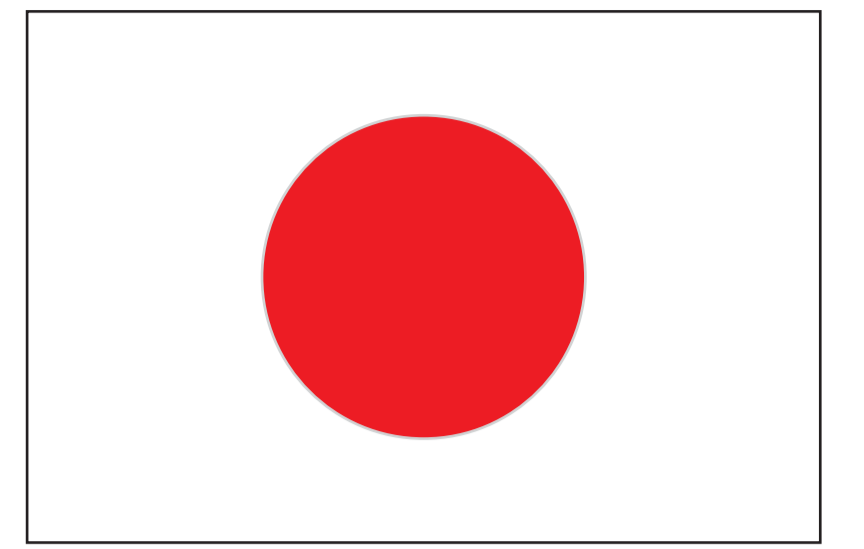
The assessment of the road related risks demand Authorities, road Administrations and road operators to make choices and investments assessing facts in a scientific and realistic way.

WORKSHOP ANAS/PIARC Guidelines for planning safety in road tunnels according to the rules in force Rome, December 2010

ANAS drafted the "Guidelines for planning safety in road tunnels according to the rules in force" and "Road Tunnels and Functional Geometric Standards" in order to uniform safety planning in road tunnels to the technical orientations of the EU Directive 54-2004/EC.



JAPAN



JAPANESE NATIONAL COMMITTEE
<http://www.road.or.jp/>

37 Individual members - 32 Collective members -
 1 Regional Authority

ORGANIZATION AND STRUCTURE

Japan Road Association (JRA) provides the secretariat for the Japanese National Committee of PIARC

MAJOR SEMINARS AND WORKSHOPS ORGANIZED BY NC

- PIARC national Seminar was held in Tokyo on 21 May 2010. (15TC gave presentations in order to share latest information.)
- International Workshop on PPP was held in Osaka on 13-14 Oct.2009.

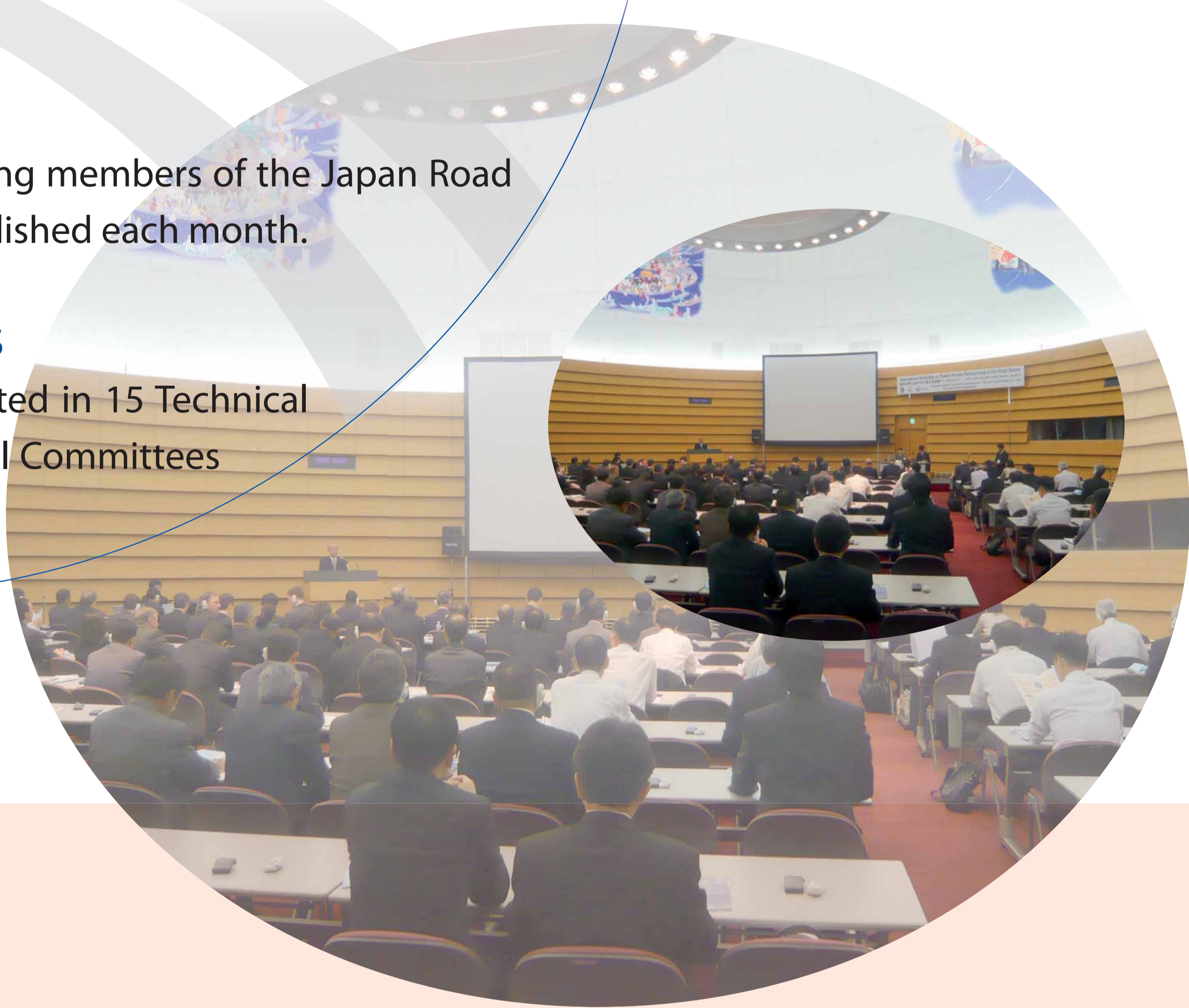
NATIONAL NEWSLETTER OR MAGAZINE OF NCS

"Doro" is published monthly and circulated among members of the Japan Road Association. On average 10,500 copies are published each month.

OUR CONTRIBUTION TO TC ACTIVITIES

35 experts from Japan are represented in 15 Technical Committees out of 17 Technical Committees and one Commission.

BASIC DATA FOR JAPAN	
LAND AREA	377,947 km ² (At the end of October 1, 2009)
POPULATION	127,767,994 (FY2009)
GROSS DOMESTIC PRODUCT	Approximately 474 trillion yen (FY2009)
DATA ON ROAD TRAFFIC	
LENGTH OF ORDINARY HIGHWAYS	54,789.7km (At the end of April 1, 2009)
PERCENTAGE OF PAVED NATIONAL HIGHWAY	91.2% (At the end of April 1, 2009)
NUMBER OF REGISTERED VEHICLES *Excluding compact automobiles for specific use, trailers and two-wheeled vehicles	75,143,677 vehicles (At the end of March 31, 2009)
ARTERIAL HIGH-STANDARD HIGHWAYS	Total length 14 000 km
	Length of sections in service at the end of FY2010 9 855 km



RECENT ACTIVITIES

International Workshop on Public-Private Partnerships in the Road Sector

The Japan Road Association and PIARC Technical Committee A.2 on "Financing, Managing and Contracting of Road System Investment" held a Workshop on Public-Private Partnerships in the Road Sector (IWPPP) in Osaka, Japan, 13-14 October 2009.

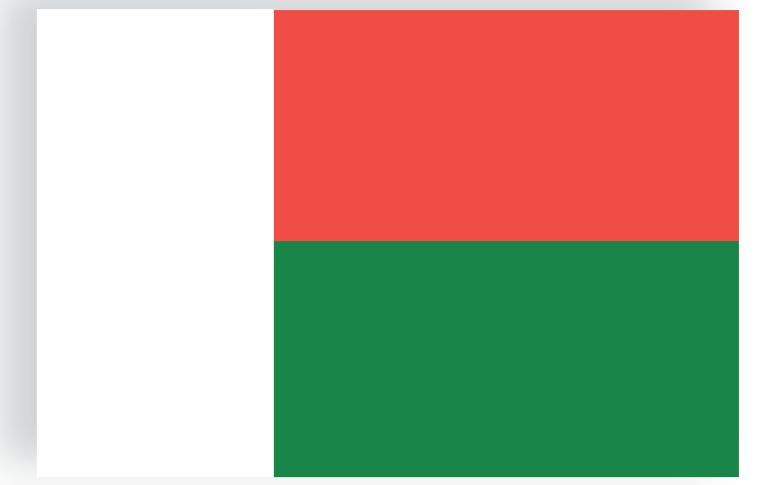
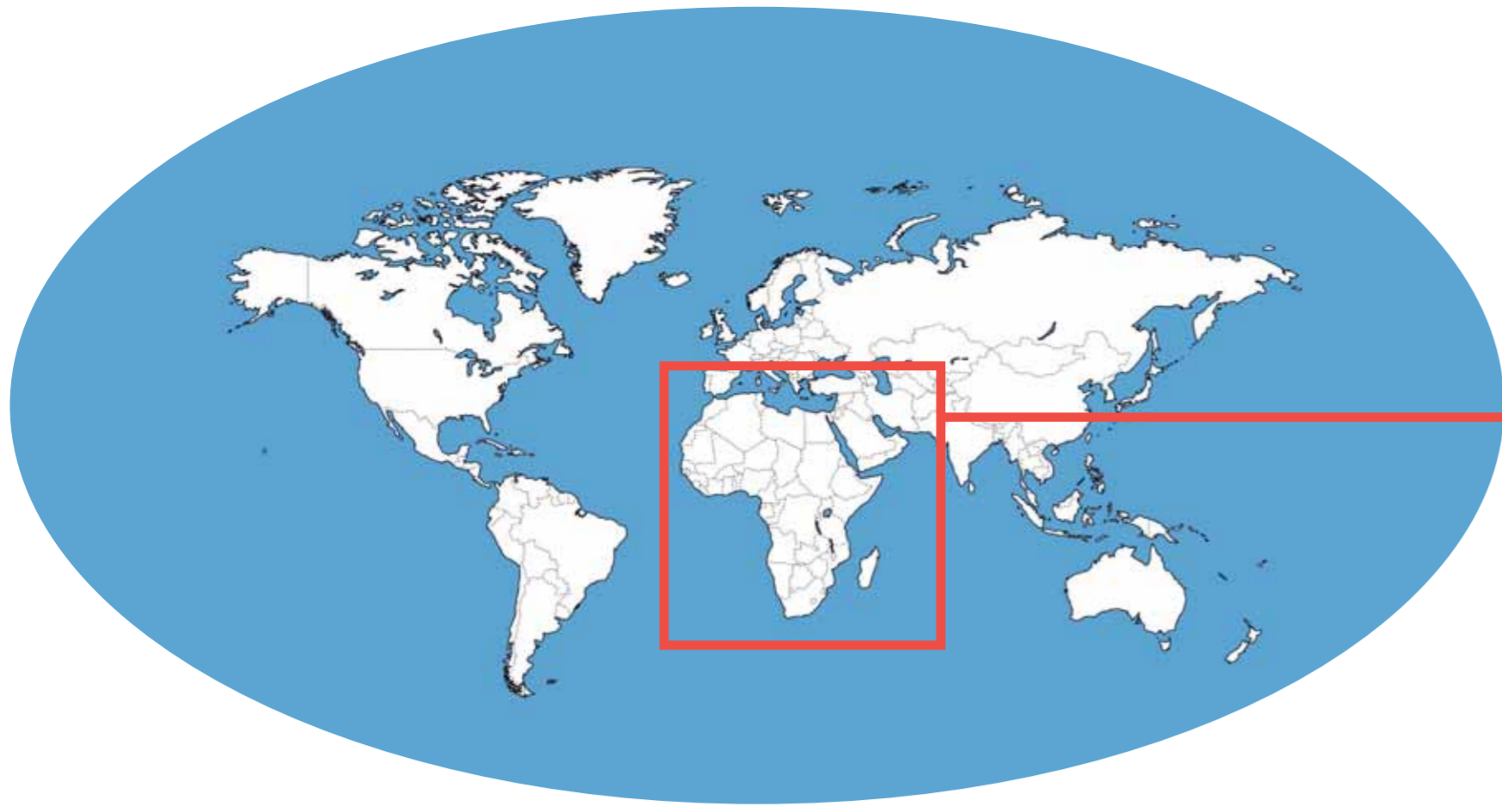
The Japan Road Association organized this workshop in partnership with Hanshin Expressway Co., Ltd. and in co-operation with REAAA (the Road Engineering Association of Asia and Australasia).

In this workshop, international information on the current experiences and future

applications of public-private partnership in the road sector has been exchanged and disseminated. The workshop was aimed at not only PPP professionals but also wider public who has interest in the application of private sector participation and partnership with public sector to deliver better road services for sustainable development.

About 200 participants gathered from 23 countries including developing countries to developed countries, and 19 presentations were introduced by 13 countries of Europe, Africa, Asia, Oceania and America. This workshop was concluded with great success.

MADAGASCAR



COMITÉ MALGACHE DE L'AIPCR
Intpb@moov.mg



Le Comité National Malgache de l'Association Mondiale de la Route (CMGAIPCR) a été créé en 2001 avec divers représentants (Administration – Privés – Forces de l'ordre - Syndicat des BTP – Université)

DONNÉES GÉNÉRALES	
SUPERFICIE	587 040 km ²
POPULATION	21 281 844 millions
DENSITÉ	36,25 hab./km ²
RÉSEAU ROUTIER	environ 49 250 km dont 1 724 km revêtues (3,5%)

Source Wikipedia

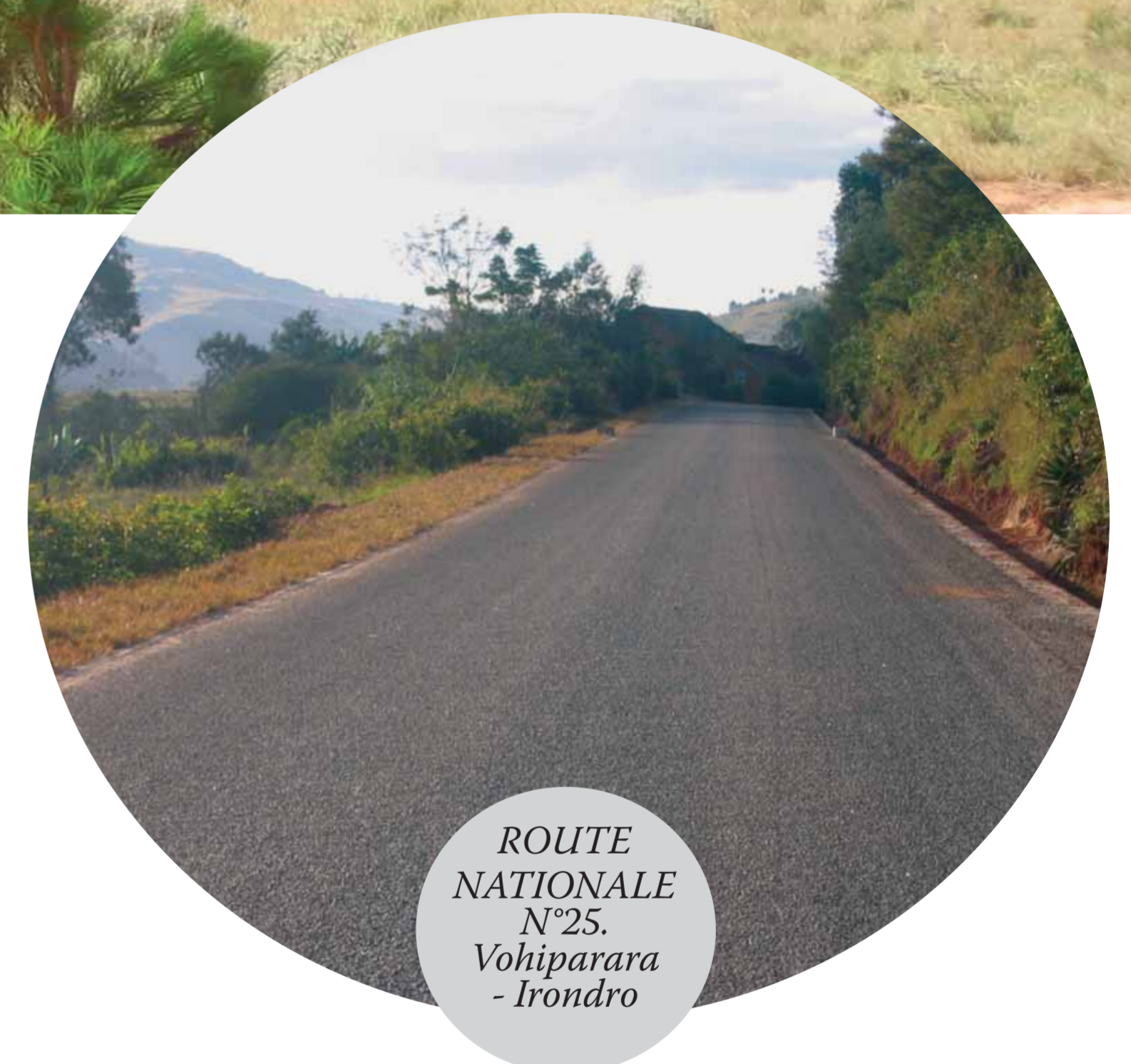


Revêtement traité en enrobé à froid 0/14 avec huile lourde de Tsimiroro

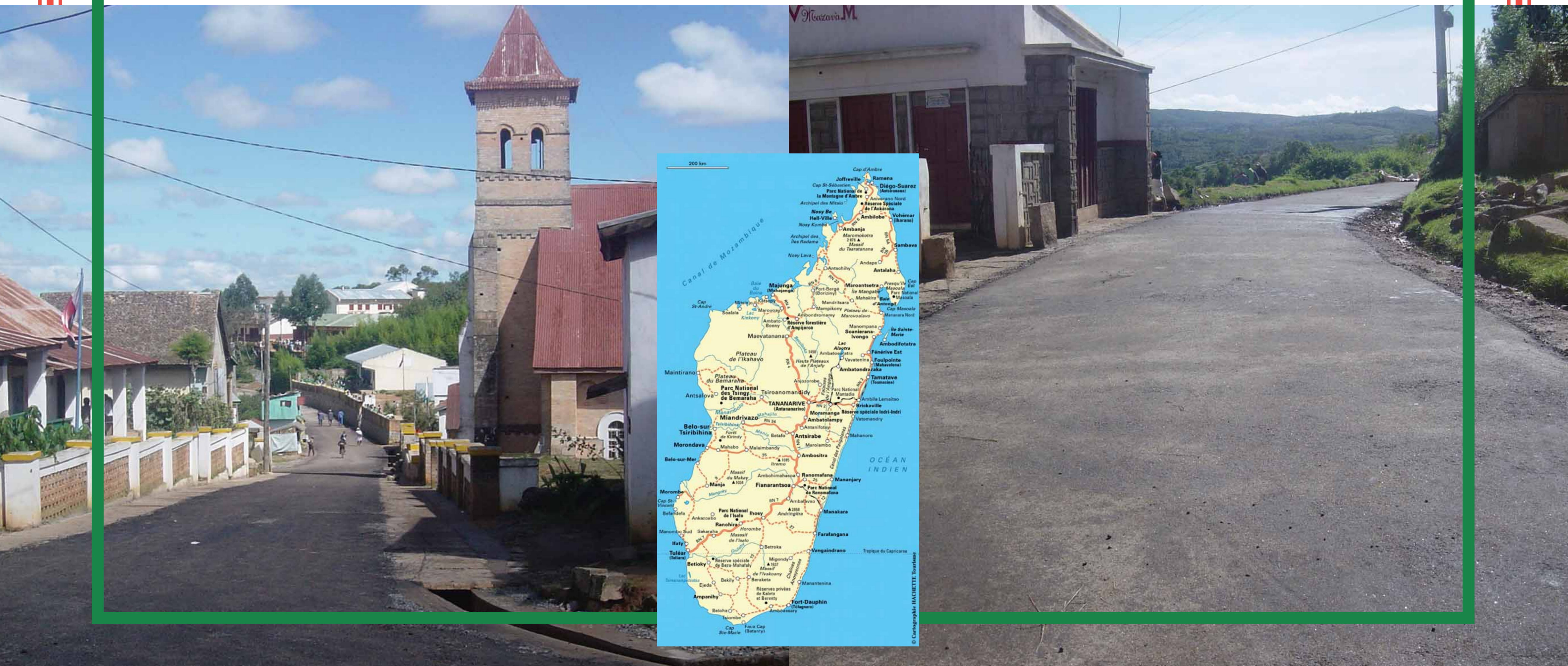


ACTIVITÉS DU COMITÉ JUSQU'À CE JOUR

- Gestion du Centre de Transfert de Technologie
- Création du Réseau Mondial d'échange
- Organisation avec le Congrès Malgache de la Route du 4^e Congrès Malgache de la Route et des Transports (CMRT) en juin 2006
- Participation aux travaux des commissions techniques pour le 24^e Congrès Mondial de la Route à Mexico en 2011
- Préparation avec le CMRT du V^e Congrès Malgache de La Route et des Transports et du 3^e Congrès Africain de la Route à Madagascar en 2012



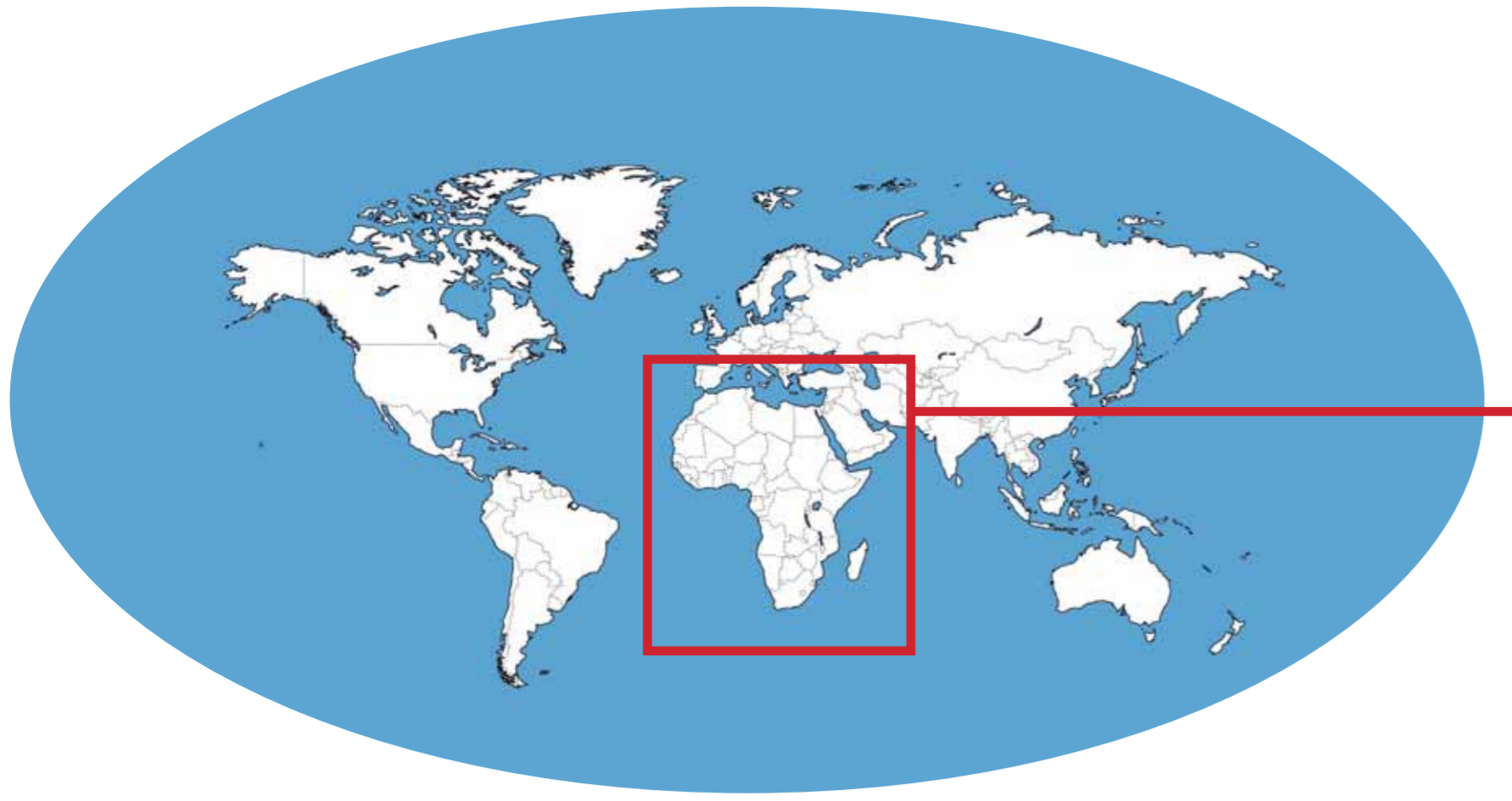
ROUTE NATIONALE N°25. Vohiparara - Iroandro



Revêtement en CARBONCOR

Revêtement traité en enrobé à froid 0/14 avec huile lourde de Tsimiroro

MALI



CM-AIPCR COMITE NATIONAL MALIEN

issadiallo@afribonemali.net

DONNÉES GÉNÉRALES - GENERAL DATA

CAPITALE/CAPITAL	Bamako
HAB./INHABITANTS	15 006 354 millions
SUPERFICIE/TOTAL AREA	1 241 238 km ²
DENSITÉ/DENSITY	8,87 hab/km ²
P.I.B/HAB. - GNP/PERSON	1200 USD (2010)
RÉSEAU ROUTIER ROAD NETWORK	18 709 km dont/among which: - 3 397 km de routes bitumées/ of paved roads - 11 148 km de routes en terre/ of unpaved dirt roads - 4164 km de pistes/of trails

ACTIVITÉS RÉCENTES - RECENT ACTIVITIES

Séminaire international 'Gestion des ressources humaines, Gouvernance et Commande publique'

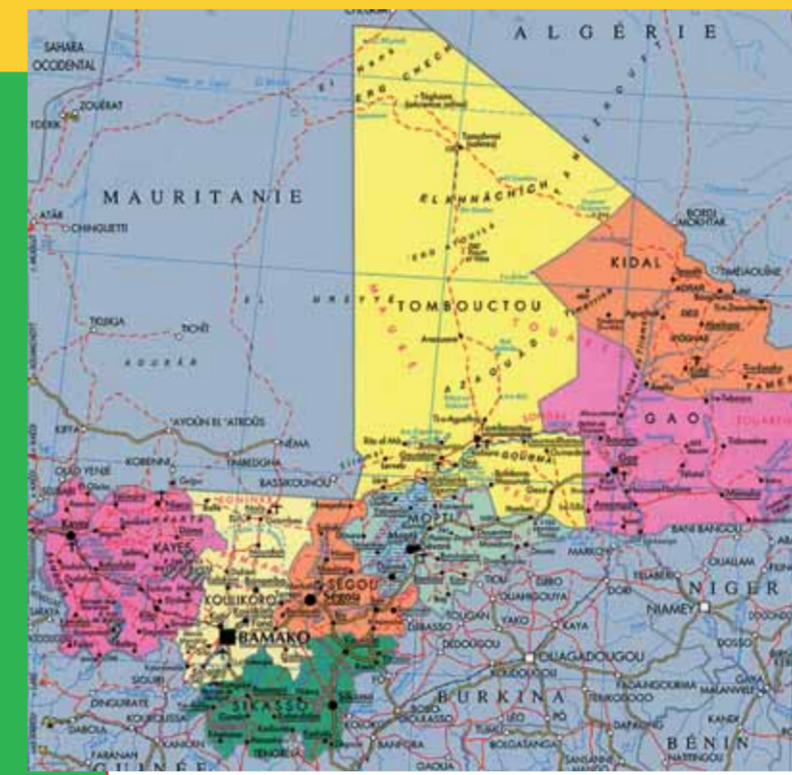
Bamako, Mali, 8-10 décembre 2009

Organisé conjointement par le Gouvernement de Mali, l'Association des Fonds d'Entretien Routier en Afrique (AFERA), l'Association des Gestionnaires et Partenaires Africains des Routes (AGEPAR) et le Comité technique de l'AIPCR B.1 «Bonne gouvernance des administrations routières».

International seminar on 'Human Resource Management, Governance and Public Procurement'

Bamako (Mali), 8-10 December 2009

Organized jointly by the Mali Government, the African Road Maintenance Funds Association (ARMFA), the Association of African Road Managers and Partners (AGEPAR) and the PIARC Technical Committee B.1 'Good Governance of Road Administrations'.



Le Mali, officiellement la République du Mali, est un pays d'Afrique de l'Ouest, frontalier de la Mauritanie et de l'Algérie au nord, du Niger à l'est, du Burkina

Faso et de la Côte d'Ivoire au sud, de la Guinée au sud-ouest et du Sénégal à l'ouest.

Mali, officially the Republic of Mali, is a landlocked country in Western Africa. Mali borders Algeria on the north, Niger on the east, Burkina Faso and the Côte d'Ivoire on the south, Guinea on the south-west and Senegal and Mauritania on the west.

Le transport routier est le principal moyen de transport de personnes et de marchandises au Mali. Il souffre cependant d'un réseau routier peu développé, composé essentiellement de routes non goudronnées, et de la vétusté du parc automobile.

Road transport is the primary way of transporting people and goods in Mali. However, it suffers from an underdeveloped road network, unpaved roads and many vehicles in poor condition.

Principaux axes routiers - Trunk roads

Bamako-Sikasso-Ouagadougou-Niamey : 1 426 km dont 1 144 km de routes revêtues (paved roads), 182 km de routes en terre (unpaved dirt roads) et 100 km de pistes (trails).

Bamako-Sikasso-Bouaké-abidjan : 1 184 km dont 1 050 km de routes revêtues (paved roads) et 134 km de routes en terre (unpaved dirt roads).

Bamako-Ségou-Koutiala-Bobo-Dioulasso : 610 km de routes revêtues (paved roads).

Bamako-Mopti-Gao-Niamey : 1 624 km dont 1 302 km de routes revêtues (paved roads) et 322 km de routes en terre (unpaved dirt roads).

Les pistes sont difficilement praticables en saison des pluies. Trails are almost impassable during the rainy season.

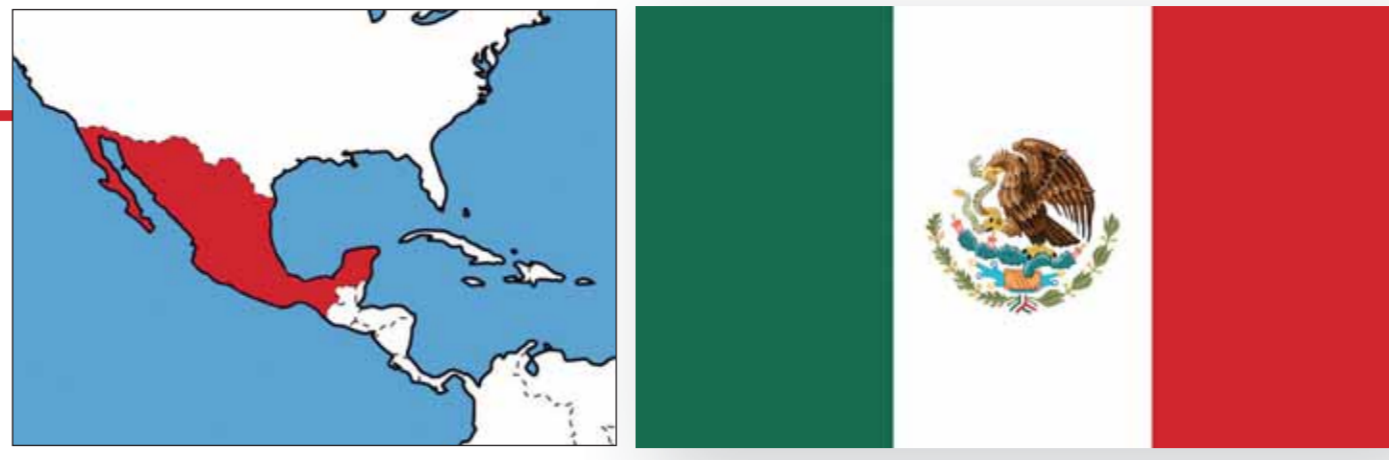
Autres routes - Other roads

La route du poisson ("fish" road) traverse le Mali du nord-ouest au sud-ouest depuis Mopti, où arrive le poisson pêché dans le Bani, en direction du Burkina Faso qui n'a ni accès à la mer, ni fleuve majeur.

La Route nationale 6 (National Road 6) traverse le Mali depuis Bamako, la capitale, jusqu'à Gao. Suivant un axe Sud-Ouest/Nord-Est, parfois Ouest-Est, longeant plus ou moins le cours du Niger en restant sur sa rive droite, c'est l'un des principaux axes de transport du pays.



MEXICO

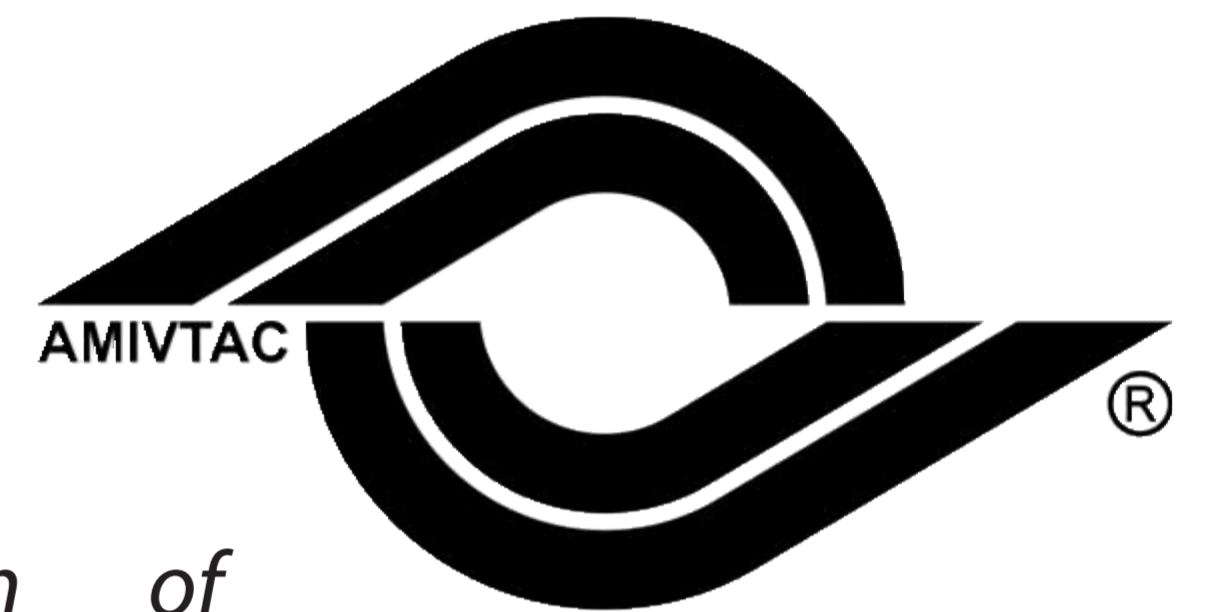


LOS TRANSPORTES EN MEXICO THE MEXICAN TRANSPORT SYSTEM

Inhabitants	113 000 000	Población
Total area	1 964 375 km ²	Territorio en km ²
GDP per person	13800 usd	PIB por habitante
Total roads	366000 km	Kilómetros de carreteras
paved	132000 km	Carretera pavimentar
unpaved	234000 km	Carretera sin pavimentar



La Asociación Mexicana de Ingeniería de Vías Terrestres, A.C. (AMIVTAC), es una organización técnica, no lucrativa y en sus objetivos está la promoción y desarrollo de la ciencia y la tecnología de la especialidad de vías terrestres. Creada en 1974 por 56 miembros fundadores, cuenta actualmente con 2947 asociados y 31 delegaciones estatales. Desde el 2005, se constituyó como Comité Nacional de la Asociación Mundial de Carreteras.



The Mexican Association of Roadways Engineering (AMIVTAC) is a technical and non-profitable organization. Its goals include the promotion and development of science and technology in the road sector. Created in 1974 by 56 founding members, it currently represents 2947 members and 31 state delegations. Since 2005, AMIVTAC was established as a National Committee of the World Road Association.

ACTIVITIES - ACTIVIDADES

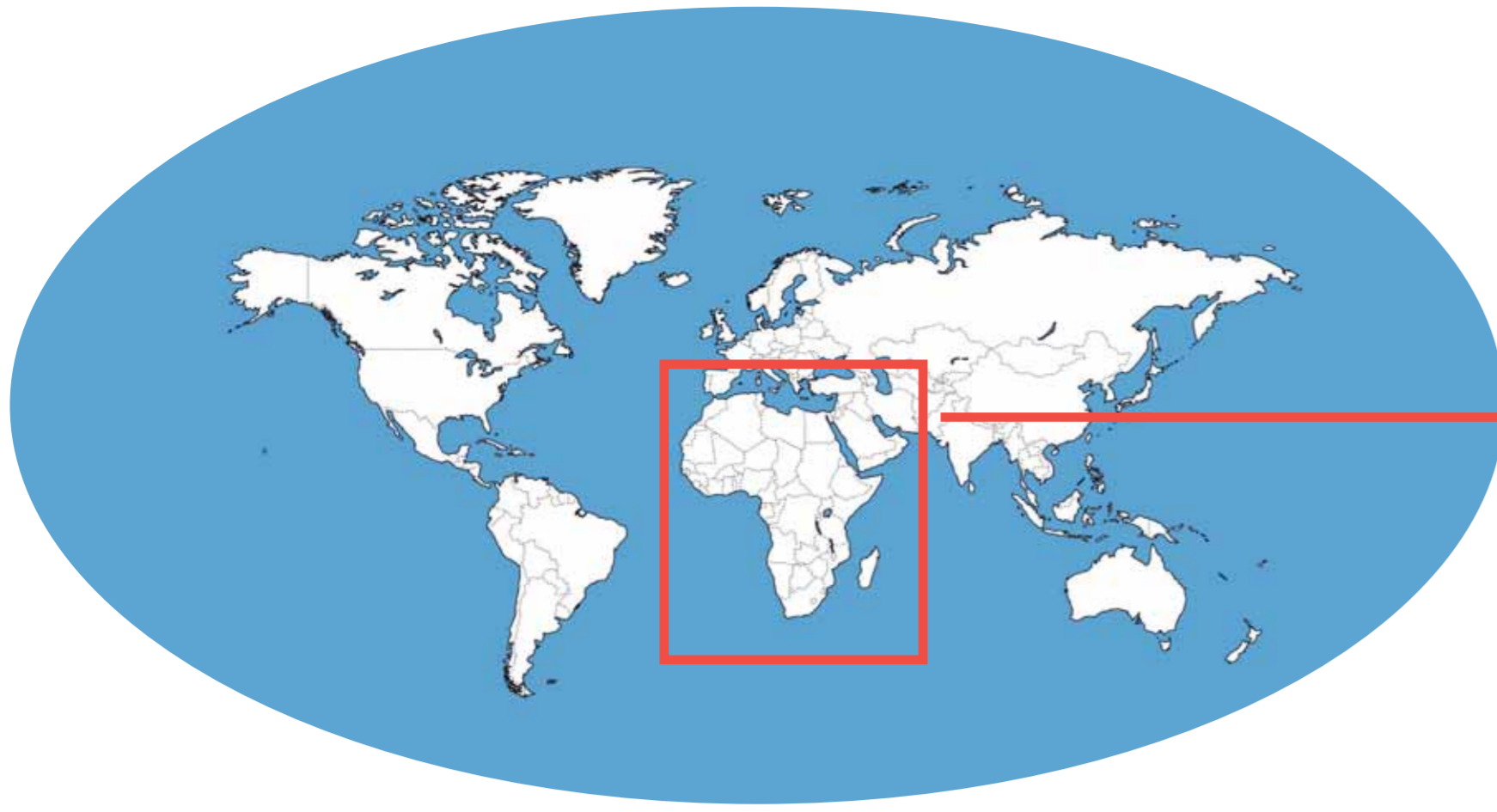
Capcitación

AMIVTAC ofrece cursos de educación continua y formación posprofesional enfocados a las necesidades de los ingenieros de las vías terrestres. Cada bienio organiza la Reunión Nacional, el Seminario de Ingeniería y las conferencias "Rodolfo Félix" y "Alfonso Rico", para honrar la memoria de estos dos distinguidos miembros.

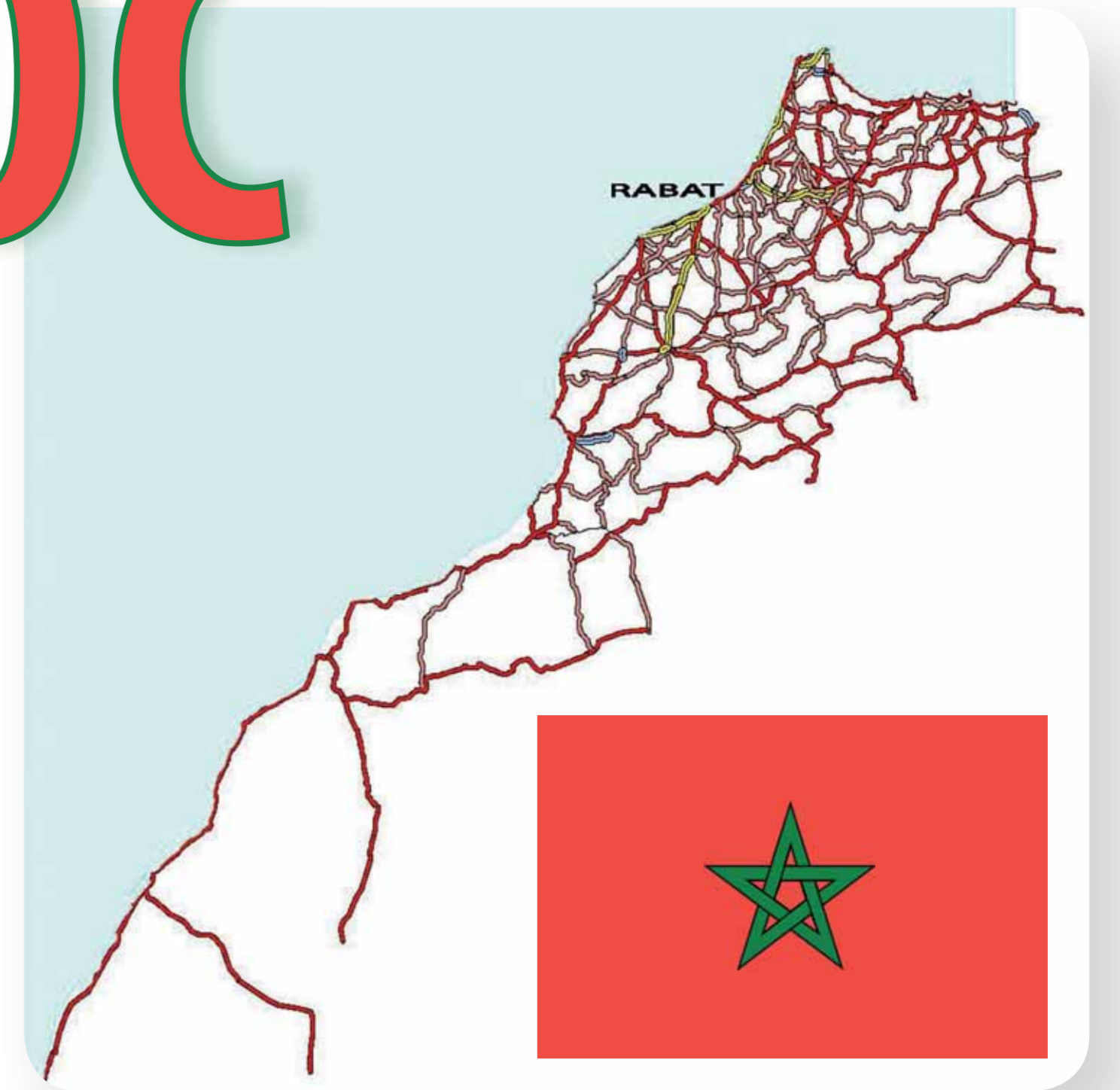
Training courses

AMIVTAC regularly offers continuing education courses and post-professional training, focusing on the specific needs of roads engineers, students and teachers. Each biennium organizes the National Meeting of roads, the Engineering Seminar and the "Rodolfo Felix Valdes" and "Alfonso Rico Rodriguez" conferences, to honor the memory of these two distinguished members.





MAROC



ASSOCIATION MAROCAINE PERMANENTE DES CONGRES DE LA ROUTE

www.ampcr.ma

L'Association Marocaine Permanente des Congrès de la Route (AMPCR) a été fondée en 1984 par Feu Abdelaziz MEZIANE BELAFKIH, pour répondre



aux vœux exprimés par tous les intervenants du secteur routier

lors du premier Congrès

National de la Route, tenu en

février 1984 à Marrakech.

DONNÉES GÉOGRAPHIQUES

SUPERFICIE	710 850 km ²
POPULATION	31,514 millions
DENSITÉ	44,3 hab./km ²
RÉSEAU ROUTIER	57 334 km dont 40 984 km revêtus
RÉSEAU AUTOROUTIER	1 096 km en service ; 492 km en construction
VOIES EXPRESS	494 km en service ; 181 km en construction
CIRCULATION	77,18 millions véh. km/jour
PARC AUTO	2,4 millions véhicules

ACTIVITÉS

L'AMPCR a pour objet :

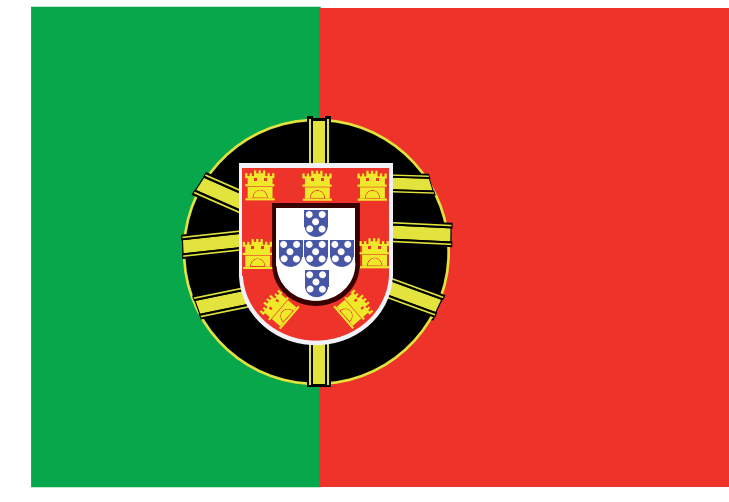
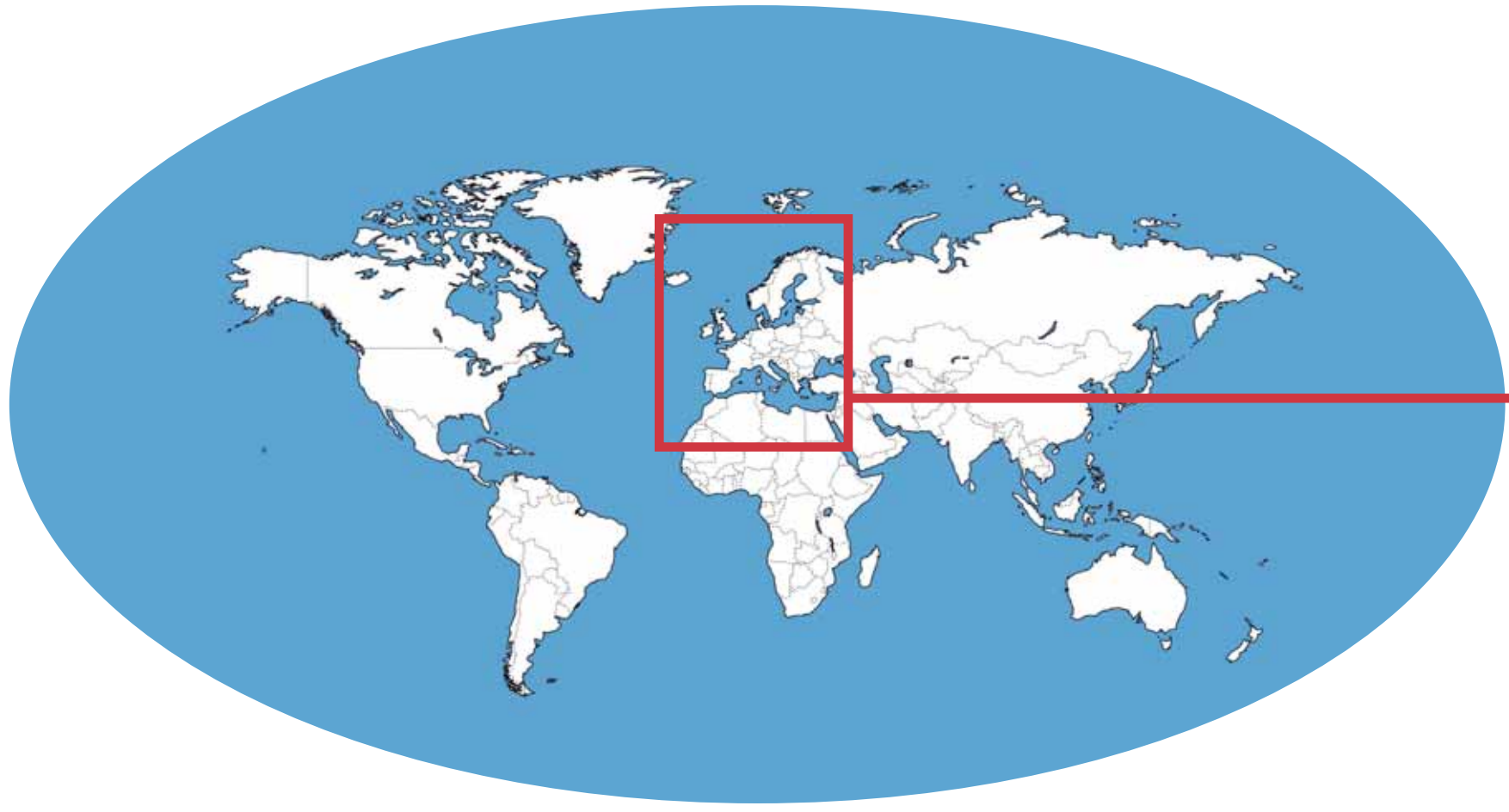
- de regrouper en son sein tous les professionnels de la route ;
- d'apporter un conseil organisé et soutenu par tous ses membres à toutes les œuvres d'intérêt général concernant le génie routier et les activités routières ;
- de promouvoir les échanges entre les maîtres d'ouvrage, les maîtres d'œuvre, les professionnels de l'industrie routière, les opérateurs des activités routières, les universités et les écoles d'ingénieurs et d'une manière générale les échanges entre spécialistes ;
- d'encourager les recherches scientifiques et techniques en ce domaine ;
- d'organiser toute manifestation susceptible de servir ces objectifs, notamment un Congrès National tous les 4 ans, pour faire le point sur la technique routière afin d'en extraire des recommandations pour la recherche et l'économie routière, les plaider auprès des autorités compétentes et les promouvoir durant la période séparant deux congrès nationaux.



L'AMPCR a organisé son 8^e Congrès National de la Route à Ifrane les 3 et 4 juin 2010 sous le thème « *Grands trafics routiers et structuration de l'espace* ».

Ce congrès a reçu plus de 500 personnes représentant 8 pays.

PORTUGAL



PORTUGUESE NATIONAL COMMITTEE

After a long thirteen year period of interregnum in which important road related technical forums didn't take place, Portugal was the venue of the IX World Road Congress in 1951.

During the IX Congress, two features were under the spotlight: the inclusion of the economic and financial return concepts in the implementation of road works and the establishment of Technical Committees.

Precisely one year after the Lisbon Congress, in 1952, the Portuguese National Committee was constituted.



COMITÉ NACIONAL PORTUGUÊS

O IX Congresso Mundial da Estrada decorreu em Portugal, em 1951, após 13 anos de interregno, sem realização de fora técnicos relevantes ligados à estrada.

Dois aspectos relevantes evidenciaram-se neste Congresso: a consideração da rentabilidade económica e financeira como aspecto determinante nos trabalhos rodoviários e a constituição de Comités Técnicos.

Em 1952, um ano após o IX Congresso Mundial, foi constituído o Comité Nacional Português.

www.pt-aipcr.org/

THE PORTUGUESE ROAD SECTOR

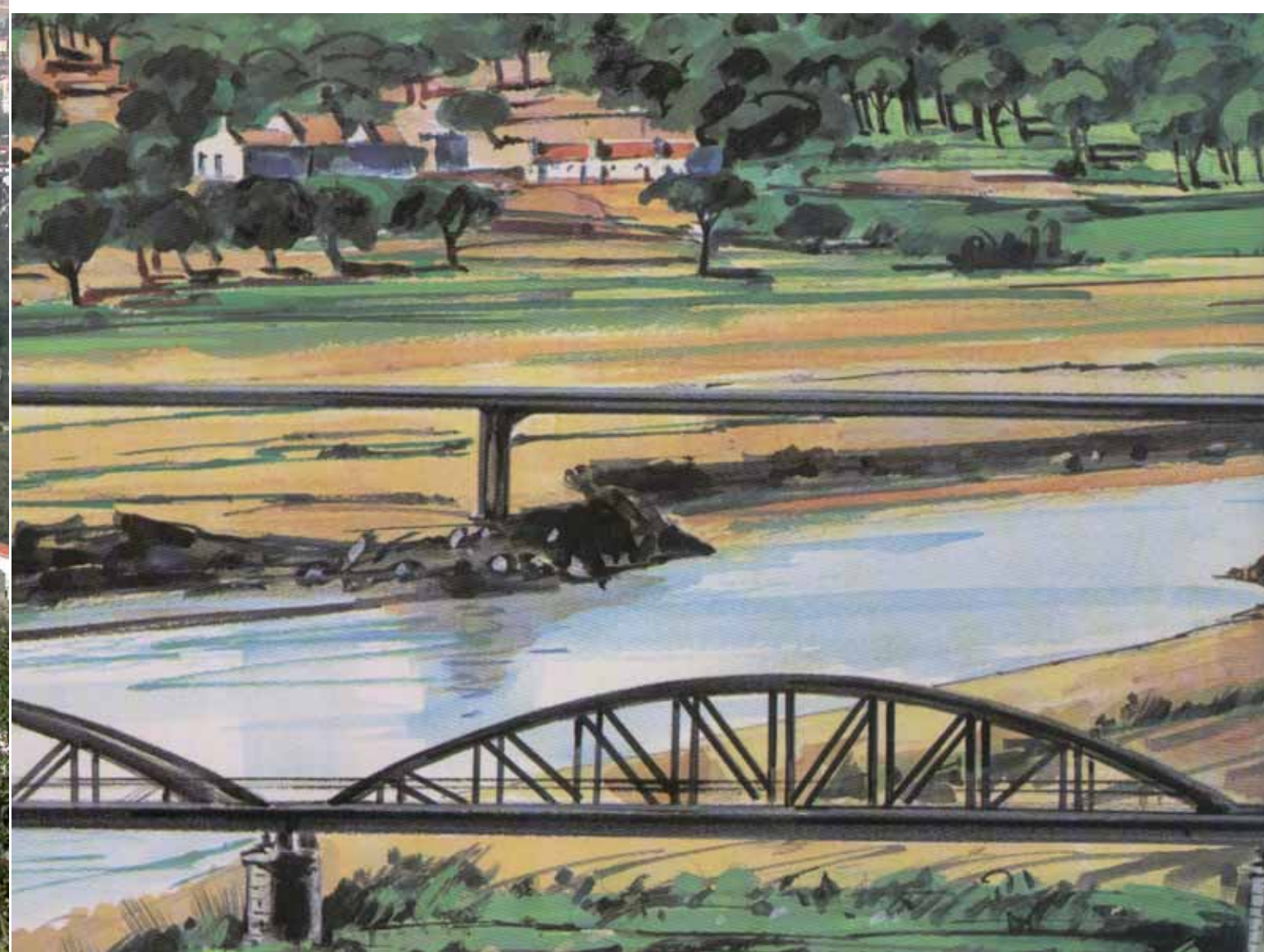
Inhabitants**	10.637.713
Total area	89.084,3 km ²
GDP per capita***	23.283 USD
National Road Network in operation*	13.480 km
Toll Highways*	1.966 km
Annual Toll Revenue*	725,3 millions of euros
Car ownership**	418,98
Internal transport of goods by road **	13.969.000.000 ton.km
Injured*	46.561
Fatalities*	741

*2010 data; **2009 data; ***2008 data

O SECTOR RODOVIÁRIO PORTUGUÊS

População residente**	10.637.713
Superfície	89.084,3 km ²
PIB per capita***	23.283 USD
Rede Rodoviária Nacional em exploração*	13.480 km
Auto-estradas com portagem*	1.966 km
Receitas de portagem*	725,3 milhões de €
Taxa de motorização**	418,98
Tráfego interno de mercadorias por rodovia**	13.969.000.000 toneladas.km
Total de feridos*	46.561
Vítimas mortais*	741

*2010 data; **2009 data; ***2008 data



ACTIVITIES OF THE PORTUGUESE NATIONAL COMMITTEE

TECHNICAL COOPERATION WITH THE AFRICAN PORTUGUESE SPEAKING COUNTRIES

One of the main goals of the PNC is to promote and disseminate PIARC's goals and products, with special emphasis on promoting products in Portuguese and disseminating technical documentation and the Association awareness among Portuguese-speaking African countries and East Timor.

ATIVIDADES DO COMITÉ NACIONAL PORTUGUÊS

COOPERAÇÃO TÉCNICA COM OS PAÍSES DE EXPRESSÃO PORTUGUESA

A promoção e divulgação dos objectivos e produtos da AIPCR, constituem objectivos prioritários do CNP. Destaca-se, como enfoque especial, a promoção e divulgação de documentação técnica em língua portuguesa e da Associação, junto dos países africanos de língua oficial portuguesa e Timor-Leste.