

EXCHANGE KNOWLEDGE AND TECHNIQUES ON ROADS AND ROAD TRANSPORTATION

World Road Association

#### HORLD ROAD ASSOCIATION

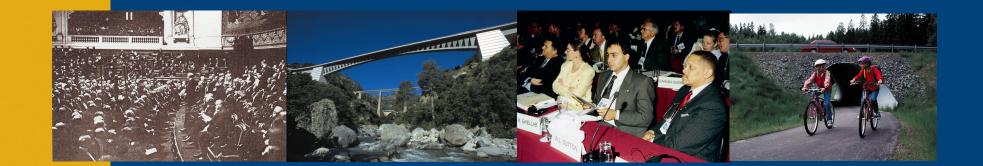
#### www.piarc.org



World Road Association

#### World Road Association (PIARC)

Established in 1909
Non-political, non-profit organization
Development of global road community





World Road Association

### Mission

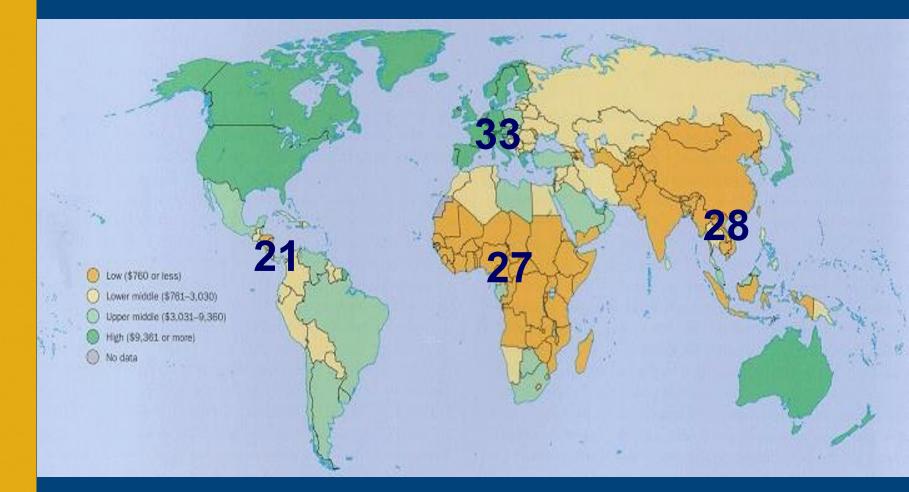
Lead international forum
Disseminate best practice
Promote efficient tools for decision making
Special emphasis for Developing Countries and Countries in Transition





World Road Association

#### **109 Member Countries**





World Road Association

### Members

National Governments
Regional Authorities
Collective Members
Individual Members





World Road Association

### National Committees

Promote PIARC achievement
Organize local activities (meetings, conferences)
32 Countries (2006)

Algeria, Argentina, Australia, Austria, Belgium, Burkina Faso, Cameroon, Canada, Canada-Québec, Congo, Czech Rep., Denmark, Finland, France, Germany, Greece, Hungary, Iceland, India, Italy, Japan, Madagascar, Mexico, Morocco, Norway, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom



World Road Association

## **Strategic Plan**

- Guidelines for the activities
- 4 year-cycle between two World Road Congresses
- 4 Strategic Themes in 2004-2007





WORLD ROAD ASSOCIATION





World Road Association

### **Strategic Themes**

- ST1: Governance and Management of the Road System
- ST2: Sustainable Mobility
- ST3: Safety and Road Operations
- ST4: Quality of Road Infrastructure





World Road Association

#### **Technical Committees**

18 Technical Committees + Terminology
800 experts and decision-makers
Various topics of road and road transport
Outputs assist decision-makers





World Road Association

# ST1: Governance and Management of the Road System

1.1 Road System Economics1.2 Financing Road system Investment1.3 Performance of Road Administrations1.4 Management of Network Operations



World Road Association

# **ST2: Sustainable Mobility**

- 2.1 Sustainable Development and Road Transport
- 2.2 Interurban Roads and Integrated Interurban Transport
- 2.3 Urban Areas and Integrated Urban Transport
- 2.4 Freight Transport and Intermodality2.5 Rural roads and accessibility



World Road Association

# ST3: Safety and Road Operation

#### 3.1 Road Safety

3.2 Risk Management for Roads3.3 Road Tunnels Operation3.4 Winter Maintenance



World Road Association

#### ST4: Quality of Road Infrastructures

- 4.1 Management of Road Infrastructure Assets
- 4.2 Road/Vehicle Interaction
- 4.3 Road Pavements
- 4.4 Bridges and Related Structures4.5 Earthworks, Drainage and Subgrade





World Road Association



AIPCR

WORLD ROAD ASSOCIATION

Comis ADVR de l'Exploration Res Tamato realism (C2) PLARC Common on Read Yatest Operation (CT)

PLARC National Committees

NEWSLETTER



World Road Association

## Handbook - 2<sup>nd</sup> Edition

• 1<sup>st</sup> edition - 1999

 Recognize new developments in ITS and recent practical experience in various countries



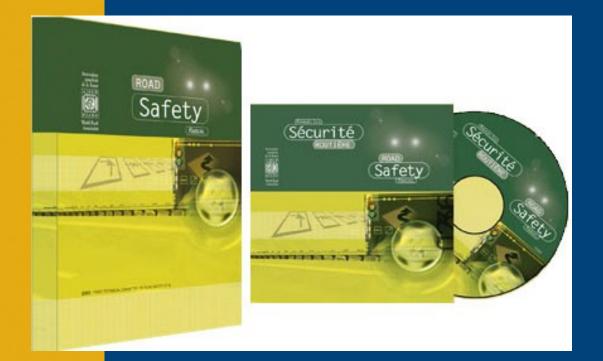


World Road Association

#### **Road Safety Manual**

• A manual for managing road safety as well as technical and practical assistance

 Features interactive CD-ROM version with automatic-calculation programs





World Road Association



ASSOCIATION MONDIALE DE LA ROUTE WORLD ROAD ASSOCIATION



PAVEMENT RECYCLING Outdelines for In place recycling with cement In place recycling with emulsion or foamed bitumen

RECYCLAGE DES CHAUSSEES Guides pour le Retraitement en place au moyen de ciment Retraitement en place à froid à l'émulsion ou à la mousse de biturne Recyclage à chaud en centrale des enrobés biturnineux

#### 2003

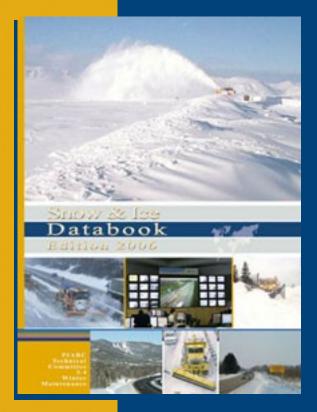
Consta Technique APCR CTIB "Chausalies Routilines" [75.02.8] PIARC Committee CTIB - "Road Pavements"

#### Pavement Recycling Guidelines

- 3 guidelines in 1 CD
- In place recycling with cement
- In place recycling with bitumen emulsion or foamed bitumen
- Hot mix asphalt recycling in plant



World Road Association



### Snow and Ice Data Book 2<sup>nd</sup> edition

- Best Practice in winter road management and maintenance
- Invaluable tool supporting knowledge transfer between international experts
- Reports from 22 countries
- Distributed free of charge to the Congress delegates



World Road Association

#### **Routes/Roads**

Bilingual quarterly magazine
Articles cover emerging issues of road and Road Transport

#### • Readers in more than 140 countries





World Road Association

### Newsletter

 News about activities of the National Committees

•Trilingual as the website and quarterly as the magazine





World Road Association

#### **International Seminars**

- Exchanges in Developing Countries and Countries in Transition
- 38 seminars planned during 2004-2008





World Road Association

# Upcoming Seminars in 2006 (1/2)

"Maintenance of Rural Roads - Stakes and Perspectives" 20-21 April, Rabat (Morocco)

"Risk Management for Roads" 26-28 April, Hanoi (Vietnam)

"Interurban Roads and Integrated Interurban Transport" and "Sustainable Development and Road Transport" 10-12 May, Monterrey (Mexico)



World Road Association

# Upcoming Seminars in 2006 (2/2)

"ITS in Road Network Operations" 14-16 August, Kuala Lumpur (Malaysia) "Freight Transport and Intermodality" 6-8 September, Ulaan Baator (Mongolia)

"Road Tunnel Operations Management and Safety" 18-20 October, Chongqing (PR of China)



World Road Association

# World Road Congress

- 1908 The 1<sup>st</sup> World Road Congress in Paris (France)
- Once in every four years
- Share techniques and experiences of road and road transport

Brussels 1987

Marrakech 1991

Montreal 1995

Kuala Lumpur 1999

Durban 2003



World Road Association

#### 23<sup>rd</sup> World Road Congress

- 17 21 September 2007, Paris, France
- The Centenary Congress
- www.paris2007-route.fr





World Road Association

#### International Winter Road Congress

- 1969 The 1<sup>st</sup> International Winter World Road Congress in Berchtesgaden (Germany)
- Once in every four years
- maintenance and management of roads winter time

Tampere 1986 TromsØ 1990 Seefeld 1994 Luleå 1998 Sapporo 2002



World Road Association

#### 13<sup>th</sup> International Winter Road Congress

- 8-12 February 2010 Quebec City, Canada-Quebec
- The first International Winter Road
   Congress in North America
- www.aipcrquebec2010.org



XIII<sup>e</sup> Congrès international de la viabilité hivernale XIII International Winter Road Congress XIII Congresso Internazionale della Viabilità Invernale

### PIARC website www.piarc.org

Association mondiale de la Route



World Road Association

#### WORLD ROAD ASSOCIATION ASSOCIATION MONDIALE DE LA ROUTE

C "Exchange knowledge and techniques on roads and road transportation."



RISK MANAGEMENT FOR ROADS Seminar in Hanoi (Vietnam), April 2006

The **DEADLINE** for registration and/or proposal of papers is **31 JANUARY 2006**! **Omer information...** 

#### PIARC PRIZES 2007 COMPETITION

You are a young or established professional in the road and transport sector? The PIARC Prizes 2007 Competition is made for you!

#### 2004-2008 PIARC Guide



PIARC Seminars, Special Fund, PIARC Prizes, WIN... Some news for PIARC **Involvement of the private sector** in the construction, maintenance and operation of the road network

This was the theme of the Council conference-discussion during the annual meeting in Beijing. All presentations...

#### **International Seminars**

The proceedings of some PIARC International Seminars are available. <u>All presentations...</u>

#### HDM-4

Further development in the management of the HDM-4 project! To know more about it...

**Road Safety Manual and ITS Handbook** 



🚺 Français 💳 Español

Home | Site map | About | Contact | Newsletter

MEMBERS AREA



PIARC PRIZES 2007 COMPETITION



Inter



World Road Association

# **PIARC** Terminology

•Online Multilingual Road Dictionaries for 12 Languages

#### Consult several dictionaries of Road and Road Transport

WORLD ROAD A	ONDIALE DE LA ROUTE SSOCIATION echniques sur les routes et transports."	PIARC web site   Contact   Terminologie AIPCR PIARC Terminology Disconnect
Term search	Term search	
Search per theme Quick search	In one or more of the following dictionaries :	
English 🗸 😼 🖌	PIARC Dictionary	PIARC Lexicon
My preferences	Road Transport Informatics (ITS)	Sustainable Transport
Help	Bridges (NVF)	Weigh-in-motion (ZAG)
	SWECO (Bridges)	Winter Maintenance
	In Additionally, display results French  French  French  French  French  French  French  OPTIONS	in 💌
	Search in :  All contents  Restrict to code  Restrict to terms and synonyms  The results must match:  All the words  At least one word  (left or right truncation = *)  Display the results	



World Road Association

#### Keep in touch with us...

#### Become a member of PIARC...

# e-mail: piarc@wanadoo.fr

La Grande Arche - Paroi Nord - Niveau 5 92055 La Défense Cédex- France 2 +33 (0) 1 47 96 81 21 Fax : +33 (0) 1 49 00 02 02