



mondiale de la Route AIPCR PIAR

# Members

National Governments **Regional Authorities Collective Members** Individual Members

in about 130 Countries

# mondiale de la Route AIPCR PIARC World Road Association

### Vision

PIARC to be the World leading forum in exchange of knowledge

on roads and road transport policy and practices

within an integrated sustainable transport context



# **Mission**

To serve all members

- by being a leading international forum
- by disseminating best practice
- by promoting efficient tools for decision making

with special emphasis for developing countries and countries in transition



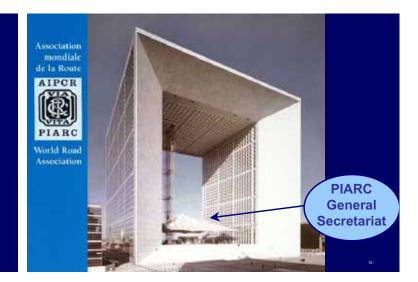
# Structure

COUNCIL representation of all member countries

EXECUTIVE COMMITTEE elected by the Council every four years

**GENERAL SECRETARIAT** 

NATIONAL COMMITTEES





### **On-going Projects**

010

- World Interchange Network 0
- Seminars in Developing Countries • and Countries in Transition
- Technology Transfer Centres in • **Developing Countries**
- HDM-4 (software for the • management of highways investments and projects)
- Terminology 0



# A Strategic Plan

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For each 4 year-cycle, in-between two World Road Congresses, a Strategic Plan guides PIARC activities.

For the 2004-2007 period, 4 strategic themes

cover the work of

- 18 Technical Committees
- + Committee on Terminology.

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World Road Association Strategic Themes 2004 - 2007

ST1: Governance and Management of the Road System (K. Inoue – Japan)
ST2 : Sustainable Mobility (G. Clarke – UK)
ST3 : Safety and Road operations (C. Nottingham – USA)
ST4 : Quality of road infrastructures (A.-M. Leclerc – Canada-Québec)



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# ST3: Safety and Road Operations

3.1 Road Safety3.2 Risk Management for Roads3.3 Road Tunnels Operation3.4 Winter Maintenance



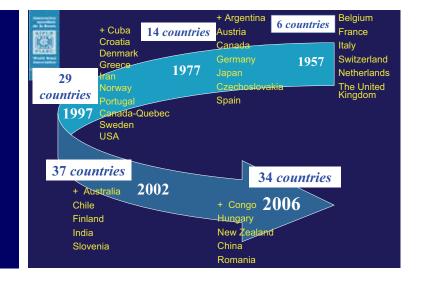
# Birth of the committee ...

The PIARC technical committee in charge of road tunnels was created in

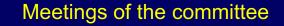
1957

### under the name

"Committee of Road Tunnels"







• 26-27 May 2004 : Paris

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- 02-03 Dec 2004 : Rome
- 24-27 May 2005 : Sydney
- 06-07 Oct. 2005 : Dubrovnik
- 27-28 Mar. 2006 : San Juan
- 16-17 Oct. 2006 : Chongqing
- 4-5 June 2007 : Kyoto
- 16-21 Sept 2007: Paris

2 seminars co-organized by the committee during 2004-2007 cycle

29-31 Mar 2006
 San Juan
 (Argentina)

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 18-19 Oct 2006 Chongqing (China)









# Reports of the committee

- Road Tunnels: Systems and Equipment for Fire and Smoke Control
- Good Practice for the Operation and Maintenance of Road Tunnels
- Traffic Incident Management Systems used in Road Tunnels
- Road Tunnels: Vehicle Emissions and Air Deman V Chtilation
- Cross Section Design of Riding in the section of Riding in the sec
- Cross Sector Pool
- Pollutru by gen Dioxide in Road Tunnel
   Road Tunnels: reduction of the second second
- Fire and Participation of the second se
- Ro
- Road Tunnels: Emissions, Environment, Ventilation
- Classification of Tunnels, Existing Guidelines, Recommendations
- The First Road Tunnel A Planner Guide for Countries Without Previous Experience of New Road Tunnels

# Cooperations

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# OECD 候 🔵 OCDE

## Joint OECD/PIARC project

Transport of dangerous goods through road tunnels

### From 1995 to 2001:

- Harmonisation of tunnel regulations
- Rational decision process including: Quantitative Risk Assessment model
- Assessment of risk reduction methods

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# Cooperations

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Multidisciplinary Group of Experts on Safety in Road Tunnels



EU Regulatory Committee on Road Tunnels Safety

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# Cooperations

• ITA (International Tunnelling Association) Complementary scopes of work



- New ITA Committee on Operational Safety of Underground Facilities (COSUF)
  - Networking activities
  - Improve / foster tunnel safety worldwide
  - Jointly supported by ITA and PIARC

# Articles in Routes/Roads

1.00



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C 3.3 committee is also...

- ... more than 130 experts
  - at your disposal
  - to share experience
    - in the field of road tunnels!

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