

Rapport d'activités des CN 2011

2011 Activity Report of NCs

RÉSUMÉ**SUMMARY****Article / Question****Item / Question***Svp, écrivez votre texte ici**Please, enter your text here***1. Information générale****1. General information****Pays**

España (- Espagne)

Country

Spain

Nom du CN

Comité Nacional Español de la AIPCR

Name of NC

PIARC Spanish National Committee

Président du CN**Mr. Roberto Alberola García****Chairman of NC**Asociación Técnica de Carreteras
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info@atc-piarc.com	info@atc-piarc.com
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Nombre the membres individuels / collectifs	Number of individual / collective members
95 individual members / 188 collective members	

Organisation et structure	Organisation and structure
<p>The Technical Road Association - ATC (Asociación Técnica de Carreteras - ATC) provides the secretariat for the Spanish National Committee of PIARC.</p> <p>ATC has 20 national committees, 12 active, with approximately 40 members per committee. They must support international members as well as studying interesting themes in Spain</p>	

2. Conferences, séminaires, réunions des CT en 2011	2. Conferences, Seminars, TC meetings in 2011
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Organisation des CN: nationale/internationale	Organisation by NCs: national/international
<p>XII Conference on Road Maintenance Madrid, 10 and 11 November 2010</p> <p>Conference on recent experiences in earth structures in road infrastructure Madrid, 10 February 2011</p> <p>Technical conference on inspection of bridges Valencia 9 May 2011</p> <p>Technical conference on current state of the geographic information systems: application to civil engineering Madrid 16 June 2011</p>	

Travail conjoint avec d'autres organisations nationales	Joint organisation with other national institutions

Travail conjoint avec d'autres CN	Joint organisation with other NC

Réunions des CT	TC meetings

3. Publications en 2011**3. Publications in 2011****Publications nationales, rapports****National publications, reports**

Book stating lectures on **XII Conference on Road Maintenance**

Book stating lectures on **Conference on recent experiences in earth structures in road infrastructure**

Book stating lectures on **Technical conference on inspection of bridges**

Book stating lectures on **Technical conference on current state of the geographic information systems: application to civil engineering**

Translation into spanish of the document **GUIDE FOR ORGANIZING, RECRUITING AND TRAINING ROAD TUNNEL OPERATING STAFF** (PIARC Technical Committee C3.3 Road tunnels operation) *Spanish Technical Committee of Road tunnels operation*

Translation into spanish of the document **Risk analysis for road tunnels** (PIARC Technical Committee C3.3 Road tunnels operation) *Spanish Technical Committee of Road tunnels operation*

Articles dans Routes/Roads**Articles in Routes/Roads**

Article about the Spanish National Committee

Bulletin national ou revue des CN**National newsletter or magazine of NCs**

The Spanish National Committee publishes a bimonthly magazine, Rutas (Routes in Spanish language), which is sent to ATC members and to several Latin-American countries.

The Spanish National Committee has created a new space on its website which offers the possibility of downloading the magazine in digital format.

4. Soutien aux premiers délégués**4. Support to First Delegates****Nomination des membres des CT****Nomination of TC members**

Spain is represented in 19 of the 20 Technical Committees with 39 delegates

Enquêtes et sondages	Surveys and questionnaires
A survey has been distributed to delegates during each event. Until now the Spanish NC activity is obtaining outstanding marks	

5. Congrès de l'AIPCR	5. PIARC Congresses
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Congrès mondiale de la route, Mexico 2011 (participation, préparation)	2011 World Road Congress, Mexico City (participation, preparation)
This event has been organized in Madrid	
MEXICO, INFRASTRUCTURE PLAN AND XXIV WORLD ROAD CONGRESS 2011 Madrid, May 24, 2010 - 11:30 h	

6. Autres activités en 2011	6. Other activities in 2011
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Assemblée générale, réunions avec les membres des CT, rencontres avec d'autres organisations nationales	General Assembly, meetings with TC members, meetings with other national organisations
The General Assembly took place on the 20 th June 2010	

Relations internationales	International relations

Promotion de l'AIPCR	Promotion of PIARC

Site Internet des CN	NCs' website
http://www.atc-piarc.com/	
http://www.congresosatc-piarc.es	

Autres choses	Other business

RAPPORT DÉTAILLÉ SUR DES POINTS CULMINANTS**DETAILED REPORT ON HIGHLIGHTS****XII Conference on Road Maintenance**

Madrid, 10 and 11 November 2010

Achieving efficiency in Road Maintenance**PRESENTATION**

This Conference held on 10 and 11 November 2010 has been a great success, gathering together 700 experts from both the Public and private sector.

In recent years, the Spanish State and all the road Authorities, without exception, have made an extraordinary effort to invest in the creation and improvement of road infrastructure, which it can be translated into an excellent road heritage, with a value of more than 80,000 million Euros, and consisting of more than 12,000 kilometers of high-capacity roads, 800 tunnels whose length exceeds the 400 meters, more than 6.000 bridges ... etc.

In short, almost everything demanded by the Society and by the development needs during the last decades.

Therefore, it is clear that at this time of global crisis in surrounding countries, the investment rate has to be adjusted to the available meager resources, but stable, and we are obliged to prioritize the most rigorously final destination of these resources.

Fortunately, we are in very good condition to meet this challenge of efficiency, since in recent years we have created not only a physical heritage, but at the same time, a major technical - scientific knowledge, placing the Spanish road maintenance engineering among one of the best of the world.

Another clear example of the technological improvement experienced by the road maintenance sector in recent years has been: Management Systems.

It is a fact that the integral maintenance enterprises, driven by the Administration, have successfully incorporated many of the actual technological developments to the road maintenance technique, as to improve the inventory, mapmaking, operations scheduling, dynamic evaluation of road items... etc.

- Improved Maintenance Management Systems
 - Internet Applications
 - List of Services
 - Auscultation and Assessment of State Indicators
- Conclusions of the Working Group on Maintenance Management
- Conclusions of the Working Group Management Operations
- Quality Objectives on Regular Maintenance
- Prioritizing maintenance actions according to austerity criteria
- Winter Service 2010 2011

CONFERENCE ON RECENT EXPERIENCES IN EARTH STRUCTURES IN ROAD INFRASTRUCTURE (FEBRUARY 10 2011)




About ten years ago the last version of the Articles of PG-3 related to earth structures from the Ministry of Public Work and Development, was drafted. Since then there have been numerous works of embankments, causeways, and all-one ", both in the field of Motorways and national and regional highways as in the railroad, especially in High-Speed Lines.

Over the years it has been noted several problems in the interpretation of the PG-3 and also on extrapolation of it, with a very important use of "marginal materials" referred to in this Technical Specification.





For this reason, the Geotechnical Committee has considered very useful to make a reflection on the actual experience in the design and implementation of these earthen structures, opening a forum in order to discuss these experiences.

The Seminar is aimed to technical persons related to the management, design, construction, operation and maintenance of earth structures in road infrastructure.

TECHNICAL CONFERENCE ON INSPECTION OF BRIDGES Valencia May 9, 2011

	<p>The Conference is raised for professionals related to the inspections of bridges in service to determine its status, maintenance requirements and potential problems and dangers, as well as those involved in actions for improvement and rehabilitation of these bridges.</p> <p>Of course, also for all those who wish to be trained and specialized in the field of maintenance engineering.</p> <p>Two guides recently published will also be presented: "Guide for inventory of bridges" and the "Guide for basic inspection of bridges" of the General Directorate of Highways from the Ministry of Public Works.</p> <p>For further information please contact: www.atc-piarc.com</p>
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TECHNICAL CONFERENCE ON CURRENT STATE OF THE GEOGRAPHIC INFORMATION SYSTEMS: APPLICATION TO CIVIL ENGINEERING Madrid June 16, 2011

 <p>Puntos PK: Carretera N-234</p> <table border="1"> <thead> <tr> <th>Kilómetros</th> <th>PK</th> <th>Localización</th> </tr> </thead> <tbody> <tr> <td>0-100</td> <td>100,000</td> <td>Punto de partida</td> </tr> <tr> <td>0-200</td> <td>200,000</td> <td>Punto de partida</td> </tr> <tr> <td>0-300</td> <td>300,000</td> <td>Punto de partida</td> </tr> <tr> <td>0-400</td> <td>400,000</td> <td>Punto de partida</td> </tr> </tbody> </table> <p>JORNADA TÉCNICA ESTADO ACTUAL DE LOS SISTEMAS DE INFORMACIÓN GEOGRÁFICA : APLICACIÓN A LA INGENIERÍA CIVIL Madrid, 16 de junio de 2011 Asociación Técnica de Carreteras</p> <p>Promueve: </p> <p>Organiza: </p> <p>Colabora: </p>	Kilómetros	PK	Localización	0-100	100,000	Punto de partida	0-200	200,000	Punto de partida	0-300	300,000	Punto de partida	0-400	400,000	Punto de partida	<p>Under the rapidly changing information and new technologies society, in recent decades tools have been developed for acquiring and managing information which is of great importance for the Infrastructure Manager of today.</p> <p>Geographic Information Systems, combined with Remote Sensing Techniques allow the capture, storage and efficient management of relevant data and information on civil works, infrastructure maintenance and monitoring plans.</p> <p>These Conferences are organized with the aim of communicating to the technical audience the current status of these techniques, the potential use and applications in the design, implementation, monitoring and evaluation of civil engineering works.</p>
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