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[www.piarc.org](http://www.piarc.org)

## EDITORIAL

### Kick-off into a new work cycle

The kick-off meetings of the World Road Association's Technical Committees held in March 2012 in Paris mark the beginning of the new work cycle leading to the 2015 World Road Congress in Seoul, Korea.

The Association put a lot of efforts in its Strategic Plan 2012-2015 enabling an immediate start of the Technical Committee's work: number and structure of Committees and the terms of references related to their working program were determined advancing well ahead of schedule. The chairpersons and secretaries of Technical Committees as well as the Strategic Theme Coordinators have already been elected at the World Road Congress. This provides for a continuous takeover between the outgoing and incoming representatives and facilitates the preparation of a first draft of the working program prior to the kick-off meetings.

National Committees should support their TC members by providing them with complementary information related to the work of the Association, organizing joint meetings of TC members with other national experts, or setting up mirror groups for those issues, in which more national experts are interested in the work of a TC than the limited number of nominations would allow this.

National Committees also should promote the work of TCs by inviting speakers to national seminars and conferences and hosting TC meetings. And all should investigate the possibility of organizing an International Seminar of the World Road Association in the different topics of the work plan.

I would like to address my best wishes to all National Committees and representatives in the Technical Committee for a good start of the new working period heading to the next World Road Congress in 2015 in Seoul.



### **Friedrich Zotter**

Representative of National Committees on the PIARC Executive Committee

**Your opinions and comments to**

Friedrich Zotter: [friedrich.zotter@bmvit.gv.at](mailto:friedrich.zotter@bmvit.gv.at)



# NC news, events, seminars & conferences

## FRANCE

### New President of the National Committee

**Yves Robichon**, Coordinator of the support mission on the National Road Network in the Infrastructure Directorate of Transport, who chaired the association from 2004 to 2008, was unanimously elected as President of the French Committee of the World Road Association (CF-AIPCR) on February 10, 2012. He succeeds **Michael Démarre**, Adviser to the President for International Affairs and director of the Colas FNTP.

The CF-AIPCR has also introduced its new Board of Directors.

Read more at [www.cf-aipcr.org](http://www.cf-aipcr.org)

We congratulate Mr. Robichon for his election and thank Mr. Démarre for his active participation in the group of National Committees during the past cycle.

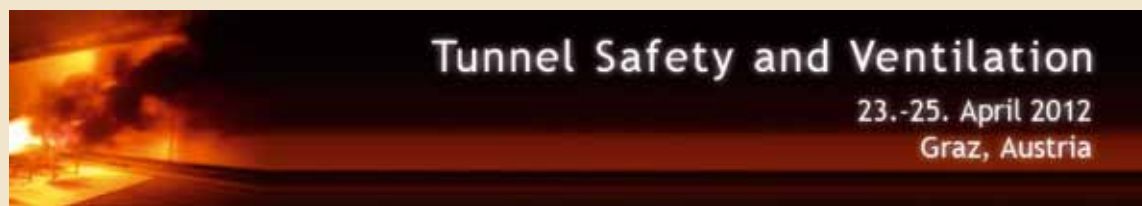


## AUSTRIA

### 6th International Conference Tunnel Safety and Ventilation

#### New Developments in Tunnel Safety

23rd – 25th April 2012 in Graz



Following the successful tradition this international symposium offers again in 2012 the possibility to exchange knowledge and to gain deeper insight into the newest developments in the fields of:

- Ventilation: design, fireloads
- Emission, emission-factors
- Risk analysis, limits, assessment for safety related equipment
- Choice of ventilation systems in relation to risk analysis
- System tests (tunnel – safety – ventilation)
- System tests for commissioning, recurring tests
- Tunnel operation
- Refurbishment and upgrading of tunnels under operation
- Innovative concepts and installations

The programme includes plenary lectures on April 23rd and 24th as well as a fire test in a road tunnel on April 25th, 2012.

For further information have a look at [www.tunnel-graz.at](http://www.tunnel-graz.at) or contact [minarik@tugraz.at](mailto:minarik@tugraz.at)

## CANADA-QUEBEC

### 47th AQTR Conference 2012

2nd – 4th April 2012 in Quebec City

"Time for Action: United Nations Decade of Action for Road Safety" – A technical session organized by the PIARC Québec Committee as part of the 47th Annual Conference of the Association québécoise du transport et des routes.



As its international division, the PIARC Québec Committee is an active and essential component of the Association québécoise du transport et des routes (AQTR). It contributes to the execution of the AQTR's mission and takes advantage of the expertise of its approximately 1,000 members. One of the objectives of the PIARC Québec Committee is to inform the members of the AQTR of the PIARC's achievements and orientations.

In keeping with this mission, as we enter the United Nations Decade of Action for Road Safety, the Committee has decided to organize a special session related to this theme, which is of great significance to both Québec and the PIARC, as part of the 47th Annual AQTR Conference.

This session, which will be honoured by the presence of Anne-Marie Leclerc, President of the World Road Association (PIARC), and André Meloche, First Delegate for Canada-Québec, will be an ideal opportunity to present the proposed initiatives and the PIARC's approach to this subject. Topics will include the adoption of a Declaration of support in Mexico; an overview of reports from the Technical Committees for Strategic

Theme 3 – Safety; an update with respect to the work to be done in connection with this Theme during the upcoming cycle; and initiatives launched in Québec at both the provincial and municipal levels.

Claude Carette, President of the PIARC Québec Committee: *"Through this major international operation, the Committee is expected to reflect what continues to be one of the strengths of the Québec road community"*. He cited the example of the leadership that was demonstrated in the PIARC Road Safety Manual, and with respect to training and road signage. He added: *"I am confident that this session will represent an opportunity to recognize the work that has been done by the Committee and the Association"*.

The AQTR conference is one of the largest mobilizing events in the transportation industry in Québec. With close to 1,000 participants, it represents a major event for anyone who works in the transportation field. For more information concerning the 2012 Conference, which will be held in Québec City from April 2 to 4, please visit the following website:

<http://www.aqtr.qc.ca/index.php/fr/congres-annuel/congres-2012>

## MALAYSIA

### 12th Asia-Pacific ITS Forum and Exhibition - Powering Transformation in Transportation

16th -18th April 2012 in Kuala Lumpur



Malaysia is very delighted to host the 12th Asia-Pacific ITS Forum and Exhibition in Kuala Lumpur on 16th-18th April 2012. This forum is an important platform for exchanging ideas, sharing experiences and updating on the latest developments in the world of Intelligent Transport solutions and technologies. Indeed, ITS developments in recent years have moved at such a fast pace that one is hard pressed to keep up with the latest emerging technological advances and the divergent skill required for a comprehensive understanding of the development, application, deployment, operation, maintenance and management of ITS.

With the theme *"ITS : Powering Transformation in Transportation"*, this event will generate strong interest for everyone who is avidly interested in intelligent transportation system and its related fields. Join to share and exchange on the latest developments in ITS.

For more information contact: [www.itsasiapacific2012.com/](http://www.itsasiapacific2012.com/)

## NORDIC ROAD ASSOCIATION

### 21st Nordic Road Congress "Via Nordica 2012: At a Crossroads"

11th – 13th June 2012, Reykjavík



The Via Nordica 2012 conference in Iceland 11th -13th June is shaping up. Apart from 20 parallel sessions arranged by the Nordic Road Association's (NRF) 16 Technical committees there will be five Plenum sessions with many interesting speakers. To name a few: in the opening session the Swedish historian Gunnar Wetterberg will start with a tale about roads in the

Nordic Golden Age and how roads and transport can lead to a new Nordic Golden Age. In the session the focus will be on politics and road authorities, how decisions are made. There will be a session about how road traffic is going greener and Senior Vice President Lars Stenqvist, Scania, will talk about in what context the future of vehicle development should continue. Clase Tingvall, the father of Vision Zero will describe the new challenges

for public investments and the need for collaboration with NGO and the industry in the Plenum session: Vision Zero goes Greener. Mobility management will be Elizabeth Deakin's topic. She is a UC Berkley professor of City and Regional Planning and has, apart from many other things, on several occasions testified for committees of the US Congress and for the California Legislature. *"In the future it will be forbidden for safety reasons for people to drive cars"* predicts a speaker in Plenum 5: Beyond the Crossroads; is the Future Ours to See? Raul Rojas is a professor at Berlin's Free University (FU) and he also says: *"The cars of today are the horses of yesterday."*

In addition to the professional programme, those attending the conference will have the opportunity to explore Iceland's renowned natural attractions through available guided tours or individually.

The slogan for the congress is Via Nordica - At a Crossroads. It brings into focus the challenges we face today, not least in the field of road transport and the environment, and our need to make some fundamental decisions on what route to take and where to head in the near future.

See more on the Nordic Road Association at [www.nvfnorden.org](http://www.nvfnorden.org)  
Register at: [www.congress.is](http://www.congress.is)

## SLOVENIA

**15th International Conference on Transport Sciences - ICTS 2012**  
28th May 2012 in Portoroz (Slovenia)

If you wish to participate at the 15th International Conference on Transport Sciences - ICTS 2012 (International Conference on Transportation Science), please visit [www.nc-piarc.si](http://www.nc-piarc.si). The conference will be held on 28th May 2012 in Portoroz and organized by the Faculty of Maritime Studies and Transport, University of Ljubljana.

Further information at : [www.nc-piarc.si](http://www.nc-piarc.si)



## THAILAND

**WTC2012**  
B A N G K O K

Thailand Underground  
& Tunnelling Group

**2012 ITA-AITES World Tunnel Congress**  
**Tunnelling and Underground Space for a Global Society**

18th – 23rd May 2012 in Bangkok

The World Tunnel Congress and 38th General Assembly will be held in Bangkok from 18th to 23rd May 2012. This is the first time that Thailand will host the ITA-AITES World Tunnel Congress, one of the most privileged congresses in the construction industry.

Under the theme *"Tunnelling and Underground Space for a Global Society"*, WTC2012 Bangkok will call together the tunnelling and underground space community in the Southeast Asia region to set up a forum with the World Tunnelling Society. Besides being involved in an excellent forum for technical discussion, exchanging ideas and sharing experience, participants will have the opportunity to meet with high-level industry leaders, academics, developers and decision makers from the region and various parts of the world.

Apart from the standard technical sessions led by prominent keynote lecturers, the Scientific Programme will feature today's challenging issues in the tunnelling and underground construction industry such as Natural Disaster Mitigation and Management Through Underground Space Use, and Underground Structure Resistance Against Seismic Loads.

Technical field trips will be arranged for delegates to see the ongoing Tunnelling and underground construction projects and completed major projects. One of the most interesting projects will be the Bangkok MRTA Blue Line Extension.

Further information at: [www.wtc2012.com](http://www.wtc2012.com)

## UNITED STATES OF AMERICA

**7th Symposium on Pavement Surface Characteristics**  
**Smooth, Safe, Quiet & Sustainable Travel Through Innovative Technologies**

19th -22nd September 2012 in Norfolk, Virginia



Backed by the dynamism of its world-renowned team of specialists, the World Road Association Technical committee on pavements is organizing the 7th Symposium on Pavement Surface Characteristics: SURF 2012. The conference will bring together a broad audience from around the world, including pavement/infrastructure managers, companies that provide services for collecting and analysing pavement condition data (equipment manufacturers and data collectors), and researchers and specialists on surface characteristics.

## Areas targeted

- State-of-the-art of the scientific knowledge in the area of measuring surface characteristics
- Latest technological developments and equipment for the collection of data
- Quality control and statistical validation of data
- Latest tire and vehicle developments and their impact on surface characteristic requirements
- Performance (effectiveness and durability) of surfacing materials and associated innovative construction techniques
- Use of the data for assessing sustainability, including environmental, economic, and safety impacts on the users and local communities (e.g., noise, pollutants, safety enhancements)

For more information have a look at [www.surf2012.org](http://www.surf2012.org)

## Other NC activities and examples of good practice

### ARGENTINA

#### The Argentine Association of Roads

At the Mexico World Road Congress the Argentine Association of Roads was appointed to act as the Argentine National Committee of the World Road Association (AIPCR/PIARC). The president of the Argentine Association of Roads, Mr. Miguel Angel Salvia, and the President of the World Road Association, Mrs. Anne-Marie Leclerc, signed a Memorandum of Understanding, agreeing to joint action in pursuit of technology transfer between Argentine and international professionals and experts. The event took place during the meeting of Directors of Iberia and Latin America Highway-DIRCAIBEA, with the presence of Regional Directors and ministers of the area from Mexico, Honduras, El Salvador and Ecuador, among other senior officials.

Also approved was the increased use of Spanish in the meetings of the Technical Committees and the establishment of Latin American Regional Committees, so as to allow greater participation of Spanish-speaking specialists and an increasing use of international experience in road technology. The intention of the Argentina Association of Roads is to involve institutions and professionals, in order to achieve a higher degree of active participation in various committees that have been active at the World Road Congress in Mexico City.



Further information: [www.aacarreteras.org.ar](http://www.aacarreteras.org.ar)

### AUSTRIA



The website of the Austrian National Committee was updated and reformatted in line with the new design of the PIARC website. Also, a report about the Austrian participation in the Mexico World Road Congress was published.

For further information visit: [www.fsv.at/piarc/](http://www.fsv.at/piarc/)



### CHILE

#### The Chilean Association of Roads and Transportation

The Chilean Association of Roads and Transportation (ACCT Chile) is a nonprofit entity, is the National Committee of the World Road Association PIARC/PIARC for Chile, founded in ceremony in Santiago de Chile on September 22, 2011, constituting the first Board.

The essence of the ACCT Chile is the establishment of a non-profit association that comes from the centuries-old history of the World Road Association with the Department of Roads of Chile, to create a new benchmark in the work of the infrastructure road and transport, with the basic guidelines and contribute to the welfare of service users, development and training of sector specialists and academics, promotion of good practices and contribute to economic growth and social development of Chile and its projections in the field of integration and exchange with Latin America and the Caribbean.

Subsequently, on September 25, 2011, is made the Signing Ceremony of the "Memorandum of Understanding between the World Road Association (PIARC-PIARC) and the National Committee of Chile" Chilean Association of Roads and Transportation (ACCT).

Signed was this Memorandum Mario Fernandez, National Director of Roads and PIARC First Delegate in Chile and Michael Ropert, President of the ACCT Chile and by PIARC/PIARC highest representatives: Ms. Anne-Marie Leclerc, President and Secretary Jean-François Corte, General Secretary of the World Road Association.

#### Program of Activities

ACCT Chile sponsors the event Chile PROVIAL 2012, which will take place in Santiago from 8 to 11 October 2012 at the Exhibition Centre at the Pontifical Catholic University of Chile.

2.-ACCT Chile organized the International Tunnelling Event 2012.

Technical Committee meeting PIARC No. 3.3 "Operation of Road Tunnels" and b) International Seminar "Tunnels Urban and Intercity Great Length: Challenges for the Design, Construction and Operation" to be held in Santiago on 16 and 17 to 19 October 2012, respectively.

ACCT Chile also will promote in the year 2013, with the support of Chilean organisations and the Technical Committee PIARC 2.4 on Winter Service the International Seminar "Winter Roads in High Mountain and Extreme Zones" prior to World Winter Road Congress, Andorra 2014.

Details will be displayed in coming issues of this Newsletter.

Contact: [jose.ortega@mop.gov.cl](mailto:jose.ortega@mop.gov.cl) at [www.vialidad.cl](http://www.vialidad.cl)

## JAPAN



A comprehensive overview on the work of the Japanese National Committee, its national and international activities, structure and organisation of the committee, publications, National Congresses, and international cooperation and seminars can be viewed in the English section of the website of the Japan Road Association (JRA), acting as National Committee of Japan. Publications include a presentation, held at the World Road Congress in Mexico by Mr. Asao Yamakawa.

Have a look at: [www.road.or.jp](http://www.road.or.jp)

## FRANCE

The **annual meetings** of the French National Committee took place at the Arche de la Defense on December 14, 2011. They were mainly dedicated to the results of the World Road Congress in Mexico.

On December 15, 2011 the French mirror Committee on **Winter Service** organized a meeting day on the theme: the surface in all its conditions – how to characterize winter road surfaces.

Both events had significant involvement, on average 70 people. The presentations are available on the website [www.cf-aipcr.org](http://www.cf-aipcr.org)

## MEXICO



The Mexican National Committee has sent a proposal for International Seminars to the Secretariat of the Association. The Seminars could be organized by AMIVTAC (MNC) and DIRCAIBEA for the Technical Committee on Financing. The proposed themes were "Funding and Financing of Roads Projects under the Present Economic Situation", "PPP experiences in Latin-America" and "Requirements, Strategies and Risks to take in to account for the Development of Road Infrastructure".

Furthermore, AMIVTAC, The National Mexican Committee, has developed a courses catalog that is going to be offered to the 30 Delegations in the States with a list of experts that can present the courses.

AMIVTAC has initialized the arrangements for the organization of the XIX National AMIVTAC Meeting of Roads. The Meeting is going to be held in Mazatlan, Sinaloa from 18th to 20th of July, 2012. The proposed theme of the meeting is going to be "Mobility, as an important factor for the development of Mexico". The National Meeting includes Technical Presentations and an Exhibition on issues like Planning, Project Design, Construction, Maintenance, Conservation, Supervision, Operation and Quality Control of Roads, Railroads, Airports and Ports.



A summarized report on the main outcome, activities and presentations at the XXIVth World Road Congress held in Mexico City in September 2011, can be found at the website of AMIVTAC, the Mexican Road Engineering Association, acting as the National Committee for the World Road Association.

Have a look and read more at: [www.amivtac.org](http://www.amivtac.org)



## SPAIN

**Technical conference on maintenance of structural support appliances, drainage structures and joints on bridge construction** – 26 January 2012 in Madrid

This conference, attended by approximately 150 professionals, was aimed at all professionals involved in bridge building, related in a special way with structural support, joints and drainage systems. And not only for those responsible for the maintenance, because if the public designers, builders and engineers do not learn from the actual mistakes related with these issues, they will never improve processes and will repeat the same mistakes.

This Conference was a great opportunity to promote a necessary dialogue between all parties involved in bridge building.

During this Conference the following document was presented: "*Maintenance of structural support appliances, drainage structures and joints on bridge construction*" which has been drawn up by an expert group integrated into the ATC - PIARC Working Group Committee on Road Bridges and ACHE Committee 4 Use and Maintenance. This is an interesting reference that comes to cover, in depth, with rigor and practical shortcomings in the literature, both the Maintenance Engineering, and the Design and Construction.

The morning session ended with a round table discussion on maintenance operations necessary to ensure the proper duration of the already mentioned elements, as well as their expected performance.

**Technical conference on surface and deep drainage in transport infrastructure** – 2 February 2012 in Madrid

The superficial and deep drainage is one of the most important aspects for the design of linear infrastructure, both road and rail. An inadequate design can be the reason of damage in the road platforms (and reduction of service life) as well as in the surrounding areas (floods, erosion, etc.).

Accordingly, the General Directorate of Roadways from the Ministry of Public Works has been paying special attention to this problem, by publishing in 2003: "Recommendations for the design and construction of deep drainage in road construction", the result of this was the Conference organized by ATC a few years ago in Antequera.

Now, the same Department has expanded its work, focusing more on the field of surface drainage, that's why the Geotechnics Committee organized together with ATC, a new Conference on various aspects of drainage (surface and underground), giving the possibility to submit free- communications.

Some 200 people attended this event, hosted by the Professional Association of Civil Engineers in Madrid.

Further information at: [www.atc-piarc.com](http://www.atc-piarc.com)

## SLOVENIA

Information on the World Road Congress, access to the CD of the congress and a link to the National Committees Newsletter are published on the web-site of the Slovenian National Committee.

See at [www.nc-piarc.si](http://www.nc-piarc.si)



## UNITED KINGDOM

### International webinar on road safety

WRA UK hosted a web meeting between South Africa, England and Scotland to share best practice on road safety. The webinar involved presentations on the current situation in South Africa and then the discussion was handed over to Scotland where the measures to reduce accidents on the A77 were outlined. Lucy Wickham, a technical representative gave an overview on the managed motorways approach. There were useful lessons on the benefits of targeted use of use of average speed cameras, how managed motorways can make drivers more compliant and the benefits of the engineering, enforcement, education, encouragement to reduce accidents. The session was chaired by Joe Burns, Chairman of WRA UK. Jim Barton, UK First Delegate said: *'I was very impressed by the event and I certainly feel that there is a lot in this concept for organisations like the World Roads Association, particularly at a time when we are all having to question how much we travel'*. John Smart, honorary secretary said that this would be the first of a series of webinars that WRA UK would host.

Nazir Ali, Chief Executive, South African National Roads Agency said *'the webinar'* was most informative and we will continue to use this medium to *'tap'* the knowledge kindly offered to us by the participants. Our thanks to all.

### Lessons for the United Kingdom from the 2011 World Road Congress

WRA UK produced a report following the World Congress that pulls together the key areas of focus, as determined by the UK Technical Representatives, who work on the World Road Association Committees. The report is based on the key lessons from the Technical Representatives at the sessions and also takes information from the relevant reports submitted to the 2011 World Road Congress held in Mexico City and attended by around 3,000 delegates. Available from [www.piarc.co.uk](http://www.piarc.co.uk)

Joe Burns has been leading a series of regional seminars (branch meetings) through ICE and CIHT, and has reached many transport professionals who would not normally interact with the association. This has included students and post grads. Joe said that this offers potential wider use and develops a contributor platform for the future.

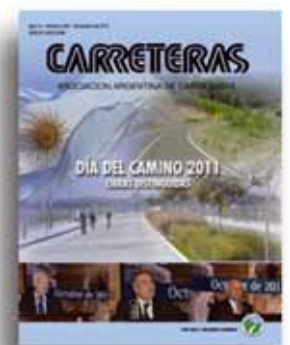
Further information at: [www.piarc.co.uk](http://www.piarc.co.uk)

## NC Publications and software

### ARGENTINA

Nº204 - November 2011 of the Magazine of the Argentine Association of Roads, "Revista Carreteras", includes a report on the XXIVth World Road Congress in Mexico, the Strategic Plan 2012 -2015 of the World Road Association, the XVIth Argentine Congress of Roads and Traffic, the Meeting of the Board of Directors, the 7th Brazilian Congress of Highways and Concessions, Completion of a Provincial Highway, Works in the city of Bahía Blanca and on Route 40 – Catamarca as well as the National Education Plan on Road Safety.

Have a look at: [www.aacarreteras.org.ar](http://www.aacarreteras.org.ar)



Edition no. 82 of the Argentine Road Magazine "Revista Vial", including a comprehensive report on the XXIV World Road Congress in Mexico, is available now online at

[www.editorialrevistas.com.ar](http://www.editorialrevistas.com.ar)

### AUSTRALIA AND NEW ZEALAND



#### Key New Austroads Publications

Austroads technical and research reports are available from the Austroads website [www.austroads.com.au](http://www.austroads.com.au).

Please sign up for RoadWatch to be alerted of all Austroads publications as they become available

### SPAIN

No. 147 of the Spanish Road Magazine, Revista Rutas" has been published and features the following articles:

- Philosophy in design and the execution of earthworks
- Documentation of the routes within a road network

- An overview on the issue of fire safety in tunnels
- Comprehensive conservation of cross drainage works

The respective order form is available at: [www.atc-piarc.com](http://www.atc-piarc.com)



# PIARC Congresses

## PIARC CONGRESS

### XXVth World Road Congress Seoul 2015



Some key data of the congress:

- Date: 2nd – 6th November 2015
- Venue: Coex Convention & Exhibition Center
- Official Language: English, French, Spanish, Korean
- Host: Ministry of Land, Transport and Maritime Affairs, World Road Association (PIARC), Korea Expressway Corporation, Korea Road & Transportation Association, Korean National Committee
- Program: Opening & Closing Ceremony, Ministers' Session, Technical Session, Exhibition
- Technical Tours, Social Events & Accompanying Persons Program

Further information will be available soon on [www.piarc.org](http://www.piarc.org) and the website of the Korean National Committee

[www.piarc.or.kr/eng/](http://www.piarc.or.kr/eng/)

## 14<sup>th</sup> International Winter Road Congress 2014 4<sup>th</sup>-7<sup>th</sup> February 2014, Andorra la Vella (Andorra)



The 14th International Winter Road Congress in 2014 will be held in Andorra la Vella. With its privileged geographical situation and unsurpassable climatic conditions Andorra is the perfect setting for holding this important congress on winter service.

The conference centre has a main hall with capacity for 1000 people, with the additional facility that everything that is going on in the main hall can be followed by videoconference, from adjacent rooms and the exterior covered exhibition areas.

The exhibition space for material is arranged in up to 5,000 m<sup>2</sup> of covered area at one side of the conference halls. This area will be supplemented with an outside space of 4,300 m<sup>2</sup>, where the most modern machinery used in the tasks to guarantee winter road viability can be displayed.

[www.aipcrandorra2014.org](http://www.aipcrandorra2014.org)

Your opinions and comments to

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