



PAVEMENT PRESERVATION AND RECYCLING SUMMIT

A major objective: maintenance, modernisation, adaptation of roads & streets for tomorrow's mobility.

March 26th – 28th, 2018
 Nice Acropolis, France

PRELIMINARY PROGRAM

PPRS Nice 2018

MONDAY MARCH 26th, 2018



9:00 am – 11:00 am

Opening session - Road maintenance: a political issue.

Auditorium ATHENA

Session hosted by: Alex TAYLOR



Jacques TAVERNIER, President of PPRS Nice 2018
« Welcome address by the PPRS Nice 2018 President »



Claude VAN ROOTEN, President of PIARC (World Road Association)



Christian ESTROSI, Mayor of Nice and President of Nice Côte d'Azur Metropolis



Dominique BUSSEREAU, President of the Association of Local French Authorities - (ADF)



Young TAE KIM, Secretary-General of International Transport Forum (ITF)



Bud WRIGHT, CEO of the American Association of State Highway and Transportation Officials (AASHTO)
« Transportation Matters – Now More than Ever »



Masafumi MORI, Vice-Minister for Engineering Affairs - Ministry of Territory, Infrastructure, Transports and Tourism of Japan



Representative of European Commission



Elisabeth BORNE, French Minister of Transports



11:00 am – 01:00 pm

Exhibition opening

Luncheon



01:00 pm – 03:00 pm

2. The role of governments and local authorities. Organizational models for road management

Room CLIO

Chairman:

In a number of countries, the traditional role of road owner as an operator of its road network is revisited. This is in particular the case for the State Transport Administration as an operator of the national road network while agencies are also questioned about their efficiency and cost. In this session we share information on evolutions of the missions of State road transport administration and on assessment of effectiveness and efficiency of organizations managing the primary road networks.

This session includes presentations from UK, Germany, France and other European countries

2.1 "Road management in the United Kingdom: a complex landscape that requires close collaboration"

Graham PENDLEBURY, Department for Transport, United-Kingdom

2.2 Soon to come

Tatjana TEGTBAUER, The Federal Ministry of Transport and digital Infrastructure (BMVI), Germany

2.3 "The Road Infrastructure of the Nice Côte d'Azur Metropolis"

Thierry PITOUT, Networks and infrastructure Nice Côte d'Azur Metropolis, France

2.4 Soon to come

2.5 "Governance of road administrations from the Swedish perspective"

Anna WILDT-PERSSON, Swedish Transport Administration (Trafikverket), Sweden

3. Breakthroughs in road construction and maintenance.

Room THALIE

Chairman:

Road technology is experiencing progress in the performance of road materials and processes and it opens new functionalities for the road infrastructure.

This session includes presentations on latest results from USA, France, South Africa and other European countries.

1st Part: Comparative approaches in concrete pavement maintenance

3.1 "Innovative techniques for the repair and maintenance of concrete roads"

Luc RENS, European Concrete Paving Association (EUPAVE), Belgium

3.2 "The evolution of concrete surface maintenance techniques in North America"

John ROBERTS, International Grooving & Grinding Association (IGGA), USA

2nd Part: New functionalities for road pavements

3.3 Soon to come

Bernard JACOB, IFSTTAR, France

3.4 Soon to come

3.5 "National Study to Quantify the Benefits of Pavement Preservation"

R. Buzz POWELL, National Center for Asphalt Technology at Auburn University (NCAT), USA

4. Pavement preservation systems: benefits and trends.

Room ERATO

Chairman:

Road asset management systems have now been introduced by a number of road agencies or departments in charge of road management. This session is focusing on presentations of the changes and benefits which resulted from the implementation of road management systems. This session includes case-studies from UK, France, USA and Europe with the introduction of indicators of the socio-economic benefit.

4.1 Soon to come

4.2 "Benefits for Road Managers from the Implementation of Management Systems in Their Network: Feedback of the Hérault Departmental Council"

Karine BUSSONE, Hérault Departmental Council, France

4.3 "North Carolina DOT, USA: Development of a Long Term Plan for the Interstate System"

Judith CORLEY-LAY, National Center for Pavement Preservation (NCPPI), USA

4.4 "CEDR project ISABELA – A new way of integrating social effects into asset management"

Alfred WENINGER-VYCUDIL, PMS-Consult (Engineering office for traffic and infrastructure), Austria

4.5 Soon to come

 03:00 pm – 04:00 pm

Break

Exhibition visit

 04:00 pm – 06:00 pm

5. Funding: needs and challenges.

Room CLIO

Chairman:

This session examines how in different countries funding needs have been assessed in relation to the socio-economic impacts of road infrastructure conservation.

This session includes presentations from France, Germany, South Africa, the World Bank.

5.1 « The Road's National Observatory : launching and first results »

David ZAMBON, Institute of Roads, Streets and Infrastructure for Mobility (IDRRIM), France

5.2 Soon to come

5.3 "Financing new mobility needs: what are the innovative solutions"

Arnaud HARY, France's motorway industry association (ASFA), France

5.4 Soon to come

Karl-Heinz DAEHRE, Former Minister of Transports of Sachsen-Anhalt, Germany

5.5 "Sustainable funding for road maintenance: challenges faced in World Bank projects in the Europe / Central Asia region"

Ioannis DIMITROPOULOS, World Bank Croatia Office, Croatia

5.6 Soon to come

Hélène KLICH, Non-Franchised National Road Network and Traffic Management Branch - Directorate of Transport Infrastructures, Directorate-General for Infrastructure, Transport and the Sea - Ministry of Transport, France

6. Recycling: a circular economy for roads. (4:00 pm – 6:30 pm)

Room THALIE

Chairman:

Recycling is widely expanding as it reduces the carbon footprint of road construction and reduces the need for virgin fossil resources.

This session includes presentations of good and innovative practice from USA, Japan and different European countries.

6.1 "40% and 70% Recycling: From Laboratory Tests to Demonstrations by the Sites of the National Project of Warm-Mix Asphalt Multi-Recycling (MURE)"

Jean-Eric POIRIER, Colas, France

6.2 Soon to come

6.3 "SustainEuroRoad : Economie circulaire et Commande Publique"

Christine LEROY, Routes de France, France

6.4 "The Recycle Technology of Asphalt Pavement in Japan"

Osamu KAMADA, Japan Road Contractors Association (JRCA), Japan

6.5 "In-Place Recycling, North American Trends"

Stephen CROSS, Asphalt Recycling and Reclaiming Association (ARRA), USA

6.6 "Bridging the Technology Gap between Research and Practice in Cold Recycling: A Closed Loop Solution"

Kim JENKINS, Department of Civil - Stellenbosch University, South Africa

6.7 "Evolution of the Hot/Warm Mix Asphalt Recycling Technologies in Europe"

Thierry DE SARS, Marini-Ermont (Fayat Group), France

7. New opportunities with connected vehicles - infrastructure.

Room ERATO

Chairman:

Exchange of information between the vehicles and the infrastructure opens new possibilities to make road management and road operations more efficient.

This session includes presentations from France, USA, Japan, and European projects on actual deployment of V-to-I and technologies.

7.1 "Cooperative Intelligent Transportation Systems (ITS) - The French Experience"

Eric OLLINGER, Non-Franchised National Road Network and Traffic Management Branch - Directorate of Transport Infrastructures, Directorate-General for Infrastructure, Transport and the Sea - Ministry of Transport, France

7.2 "Connected vehicles serving road safety and mobility in Gironde"

Catherine COURTEL, IBM France – Global Business Services, France; Frédéric PERRIERE, Gironde Departmental Council, France

7.3 "Ongoing Development of Cooperative ITS in Japan"

Shingo MAWATARI, Road Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan

7.4 "Advanced mobility options - The impact of the AV on society"


Kirk STEUDLE, Michigan Department of Transportation, USA

7.5 Soon to come




6:00 pm – 7:00 pm

Exhibition visit

 7:00 pm – 9:00 pm

Opening Cocktail

TUESDAY MARCH 27th, 2018

 7:30 am – 8:30 am

Breakfast exhibition

Exhibition visit



8:30 am – 10:30 am

8. Road maintenance finance models - new outlook, new opportunities.

Room CLIO

Chairman:

Maintenance of road infrastructure is still not on the high priorities of States budget; a significant gap exists between the needs and public funding. This situation is true at the different levels of jurisdictions (State, provinces/counties, and municipalities).

This session reviews different schemes of funding and financing: tolling, the future of Eurovignette, global contracts, regulatory asset base versus PPP... with presentations from various institutions and stakeholders.

8.1 “The Point of View of a Development Bank”

8.2 “Revision of the Eurovignette Directive”

Jan SZULCZYK, European Commission, DG MOVE, Belgium

8.3 "Uncertainty in contracts and private investment in infrastructure"

Dejan MAKOVSEK, International Transport Forum (ITF) - OECD, France

8.4 Soon to come

8.5 “Heavy Vehicle Toll Collection in Germany”

9. Intelligent mobility here and now.

Room THALIE

Chairman:

Electric vehicles, connected vehicles and road infrastructure, automated driving, information technology... are deeply modifying our approach and choices of mobility. This session includes presentations of solutions investigated and deployed in different countries.

9.1 Soon to come

9.2 Soon to come

Yunseog HONG, Korea Automobile Testing & Research Institute, South Korea

9.3 Soon to come

9.4 Soon to come

9.5 Soon to come

9.6 "Sustainable urban mobility through integrating usage schemes for electric light vehicles with the transport system and road infrastructure"

Andrew WINDER, ERTICO – ITS Europe, Belgium

10. Engineering structure failures: the impact.

Room ERATO

Chairman:

Failures of bridges and tunnels have usually a strong echo in the public and are often a strong push for politicians to pay more attention to the importance of correct maintenance and rehabilitation of civil works. This session includes presentation of the findings from a study undertaken by the World Road Association, and case studies from USA, Japan, Canada-Québec, Italy.

10.1 "Concorde Overpass collapse: key issues"

Anne-Marie LECLERC, Minister of Transport, Sustainable Mobility and Transport Electrification, Canada

10.2 "New technologies for the behaviour of bridges in operation"

Paolo MANNELLA, Italian National Road and Highway Authority (ANAS S.p.A.), Italy

10.3 "Impacts of the deficiencies of the Leverkusen bridge – lessons learned"


Yvonne GUNREBEN, Federal Ministry of Transport and Digital Infrastructure (BMVI), Germany

10.4 "Unpredicted Infrastructure Failure –Summary of PIARC Special Project-"

Yukio ADACHI, Hanshin Expressway Company Limited, Japan

10.5 "A Lesson is Speedy Infrastructure Recovery: The Interstate 85 Bridge Collapse in Atlanta"

Meg PIRKLE, Georgia Department of Transportation (GDOT), USA

 10:30 am – 11:30 am

Break

Exhibition visit



11:30 am – 1:00 pm

Plenary session: How can we communicate better on road asset management?

Auditorium ATHENA

Hosted by: Alex TAYLOR

Held by:



Juan José POTTI, President of ASEFMA Spain and Vice-President of AEC, Spain



Siobhan MC KELVEY, President of IBEF, Belgium

With the participation of:


Pierre CHASSERAY, 40 million of motorists (France)

Mathieu FLONNEAU, URF Think tank (France)

Thomas LINDER, Bavarian Ministry of Road Transport and Highways (Germany)

David PESHKIN, NCHRP, Campaign about how to sell the preservation of roads heritage (USA)

"PONLE FRENO", Broadcasted Spanish Campaign about road conditions (Spain)

 1:00 pm – 2:30 pm

Luncheon



2:30 pm – 4:30 pm

12. Road maintenance management models. (2:00 pm – 5:30 pm)

Room CLIO

Chairman:

The approach to road asset management is taking different forms as compared to the traditional in-house approach. Some countries are experiencing global maintenance contracts, performance indicators are also considered for a better assessment of road management departments, efficiency and better transparency in the use of public funds.

This session includes presentation of different examples from Australia, Canada, China, Finland, Mexico, USA

12.1 "Multi-annual maintenance contracts in Finland"

Katja LEVOLA, ELY Centre, Finland

12.2 "Sustainable Strategies to Maintain a Resilient Road Network - The Campbelltown City Council Experience"

Ross IOAKIM, Downer, Australia

12.3 "Mexico and long-term maintenance contracts"

Héctor OVALLE MENDIVIL, Mexican Association of Roads Engineering (AMIVTAC), Mexico; Gerardo RUIZ ESPARZA, Secretariat of Communications and Transportation of Mexico, Mexico

12.4 Soon to come

12.5 "Performance Based Contract (PBC) for Preserving Road in China: A Case Study"

Franck HAO LI, JSTI GROUP, China

12.6 "Road maintenance management models in Madrid Region Road Network"

Fernando VARELA SOTO, Polytechnic University of Madrid - Faculty of Civil Engineering, Spain

13. From infrastructure to service: a new paradigm for roads.

Room THALIE

Chairman:

The purpose of this session will be to exchange visions from different stakeholders on the future mobility, better understand in particular their expectations from the road infrastructure sector and identify potential cooperation areas between the respective sectors.

13.1 "Towards the 5th generation of roads and its integration into the transport system and land management: FOREVER OPEN ROAD and TRANSPORT INFRASTRUCTURE (FORx4)"

Thierry GOGER, Forum of European National Highway Research Laboratories (FEHRL), Belgium

13.2 Soon to come

13.3 Soon to come

13.4 Soon to come

Antonio AVENOSO, European Transport Safety Council (ETSC), Belgium

13.5 "Mobility as a Service: what are the expectations and requirements for infrastructure in the MaaS ecosystem?"

Piia KARJALAINEN, MaaS Alliance AISBL, Belgium

14. Operating roads more efficiently.

Room ERATO

Chairman:

Scarcity of budget funds for investment in new roads is a strong impetus for optimizing the use of existing infrastructure and making their operation more efficient. This session presents examples taken from different countries.

14.1 "Policies to extend the life of road assets - An integrated approach of asset and transport management"

Loes AARTS, Ministry of Infrastructure and Water Management (Rijkswaterstaat), Netherlands

14.2 "How to prevent risks for the staff working to maintain the motorway network"

Christophe BOUTIN, France's motorway industry association (ASFA), France

14.3 "Traffic Agglomeration and Management Master Plans and Sharing Experience on Traffic Management Measures in France"

Eric OLLINGER, Non-Franchised National Road Network and Traffic Management Branch - Directorate of Transport Infrastructures, Directorate-General for Infrastructure, Transport and the Sea - Ministry of Transport, France


14.4 Soon to come

14.5 « Innovative approaches for strategic management of urban mobility »

Laura COCONEA, SWARCO MIZAR, Italy

 4:30 pm – 6:30 pm

[IREX Symposium: Research project on lifespan of pavement](#)

 6:30 pm – 7:30 pm

Exhibition visit

 7:30 pm – 11:30 pm

Congress Gala

WEDNESDAY MARCH 28th, 2018



8:00 am – 9:00 am

Breakfast exhibition

Exhibition visit



9:00 am – 11:00 am

15. Users at the heart of public action.

Room CLIO

Chairman:

Road management administrations and agencies can no longer ignore users in their decision making processes. In addition, accountability is gaining more and more importance as the best efficiency is expected in the use of public funds, and scarcity of public resources increases competition between various social demands.

This session includes presentations from different countries regarding how public can control a road agency, how public opinion is surveyed about the quality of the road transport system, road rating by users, how the road network condition is reported to the public and to politicians.

15.1 Soon to come

15.2 "Michigan DOT, USA: Helping the Public Understand Asset Management"

Judith CORLEY-LAY, National Center for Pavement Preservation (NCP), USA

15.3 "The Highways Infrastructure PPP in the London Borough of Hounslow, UK."

Rob GILLEPSIE, Ringway Infrastructure Services, United Kingdom

15.4 "Accountability and efficient use of public funds from the Chilean roads administration"

Walter BRUNING, Chilean Road Administration, Public Works Ministry of Chile, Chile

15.5 Soon to come

16. The world of bitumen emulsions: an industry serving sustainable roads.

Room THALIE

Chairman:

Bitumen emulsions are part of the most used techniques for pavement preservation; this is one of the reasons why the International Bitumen Emulsion Federation has been one of the organizations that initiated the PPRS NICE 2018. Many proposals have been recorded for this session that will include a review a survey about the use of bitumen emulsions Worldwide. New approaches for performance based specifications will be shared as well as some new developments that should boost the use of bitumen emulsions worldwide. Again the IBEF will play its role as an exceptional exchange forum.

16.1 "Bitumen emulsions: a review of the markets worldwide"

Etienne LE BOUTEILLER, International Bitumen Emulsion Federation (IBEF), France

16.2 "Performance related specifications for bituminous emulsions: a comparative approach between Europe and the USA"

Gayle KING, Asphalt Science, USA; Bernard ECKMANN, Eurovia, France

16.3 "Advancing Pavement Preservation Through Certification"

Larry GALEHOUSE, National Center for Pavement Preservation (NCPPE), USA

16.4 "Trends of asphalt emulsion in Japan"

Manabu OBATA, Japan Emulsified Asphalt Association (JEAA), Japan

16.5 "A sustainable approach for the preservation of low trafficked roads. Regulations adapted to emulsion-based techniques"

María del Mar COLÁS, Technical Association of Bitumen Emulsion (ATEB) / International Bitumen Emulsion Federation (IBEF); François CHAIGNON, Bitumen Road Emulsion Manufacturers Section (SFERB) c/o COLAS S.A.

17. National road safety policies, how to deal with road infrastructure.

Room ERATO

Chairman:

The approach to road safe has experienced fundamental changes with the recognition that the road must eventually be forgiving of routine road user errors with a goal of eliminating road crash fatalities and serious injuries in the long-term. This session presents good examples of assessment of road safety and of implementation of efficient policies from Sweden, New Zealand, France, iRAP and IRTAD studies.

17.1 "Embedding Safe System in New Zealand; approach and lessons learnt."
Colin BRODIE, New Zealand Transport Agency, New Zealand


17.2 "Management of Road Infrastructure Safety: a Review of Tools"
Véronique FEYPELL, International Transport Forum (ITF) - OECD, France

17.3 Soon to come

Xavier FLORES, Ministry of Territory and Sustainability (Generalitat de Catalunya), Spain

17.4 Soon to come

17.5 "Safety Measures on the Non-Franchised National Road Network in France"
Eric OLLINGER, Non-Franchised National Road Network and Traffic Management Branch - Directorate of Transport Infrastructures, Directorate-General for Infrastructure, Transport and the Sea - Ministry of Transport, France

 11:00 am – 12:00 am

Break
Exhibition visit



12:00 am – 1:00 pm

Closing session: Road: an answer to tomorrow's mobility?

Auditorium ATHENA

Hosted by: Alex TAYLOR

Held by:

Xavier HUIILLARD, Chief Executive Officer of VINCI, France



1:00 pm – 2:30 pm

Closing cocktail



2:00 pm – 4:30 pm

Technical visits