

STRATEGIC PLANNING AND PERFORMANCE MONITORING OF ROAD TRANSPORT ADMINISTRATIONS

08:30 – 09:00

WELCOME RECEPTION (COFFEE)

09:00 – 09:40

OPENING CEREMONY

- Welcome and Introductions of Dignitaries – **NATALIE FORSYUK** and **ALEXANDER GUSTELIEV**
- Welcoming Remarks – **VITALY KLYCHKO** – Mayor, City of Kiev
- Welcoming Remarks – **VOLODYMYR OMELYAN** – Minister of Infrastructure, Ukraine
- Video address – **ROBIN SÉBILLE** – Deputy Secretary General, World Road Association (PIARC)
- Presentation of the Association & Introduction of TC A.1 – **JOSÉ MANUEL BLANCO SEGARRA**, TC A.1 Chair

11:50 – 13:20

PLENARY SESSION 1. **Long-Term Planning and Programming**

Moderators Natalie **NATALIE FORSYUK** and **ALEXANDER GUSTELIEV**

- Ukraine Ministry of Infrastructure Strategy 2030. Transport infrastructure System in Ukraine. Achievements and Challenges (**VIKTOR SASIN**, Ukraine)
- Drivers for Change on Transport Administrations and Management Responses (**ALEX WALCHER**, Austria & **JONATHAN SPEAR**, Singapore)
- Long Term Planning in Denmark (**NIELS TØRSLEV**, Denmark)
- Sweden's Long-Term Plan and Planning System (**ANNA WILDT-PERSSON**, Sweden)
- Q&A Panel Discussion

11:30 – 11:50

COFFEE BREAK

11:50 – 13:20

PLENARY SESSION 2. **Promoting Transparency and Integrity**

- Transparency and Accountability in the Road Sector. CoST Monitoring in Ukraine (**NATALIE FORSYUK**, Ukraine)
- Institutional Integrity and Implications for Ukraine (**ALEX WALCHER**, Austria & **MICHEL DEMARRE**, France)
- Promoting Transparency & Accountability in South Africa (**LOGASHRI SEWNARAIN**, South Africa)
- Impact of PPP projects and concession mechanisms on Increasing Transparency and Improving the Investment Attractiveness of road construction in Ukraine (**ILLYA SEGEDA**, Deloitte & Touche LLC, Ukraine)
- Q&A Panel Discussion



13:20 – 14:20

LUNCH



14:20 – 16:55

PLENARY SESSION 3.

Strategic Planning and Performance Monitoring

Moderators Natalie **NATALIE FORSYUK** and **ALEXANDER GUSTELIEV**

- Strategic aspects of development of state importance roads
(**SLAVOMIR NOVAK**, Ukraine)
- Measuring the Performance of Road Administrations
(**ALAN COLEGATE**, Australia)
- Roads & Rail Development Strategy in China (**DR. SUN XIAONIAN & LIU SI**, China)
- Q&A Panel Discussion

PLENARY SESSION 3. Continued

Strategic Planning and Performance Monitoring

- Regional Transport Planning – Preconditions for Development of Strategic Projects with Cross-Border Importance in South East Europe
(**MATE GJORGJIEVSKI**, Serbia)
- Simple Scenario approach for Strategic Asset Planning
(**ALAN COLEGATE**, Australia)
- Q&A Panel Discussion

16:35 – 16:55

CLOSING REMARKS AND CONCLUSIONS



- Conclusions (TCA.1) **JOSÉ MANUEL BLANCO SEGARRA**
- Wrap-Up by Moderators **NATALIE FORSYUK** and **ALEXANDER GUSTELIEV**

16:55

END OF DAY 1



day

STRATEGIC PLANNING AND PERFORMANCE MONITORING OF ROAD TRANSPORT ADMINISTRATIONS

Presentation of the Association & Introduction of TC A.1



**José Manuel BLANCO
SEGARRA**

Chief Engineer of the
Demarcation of National
Roads in Extremadura
(Spain) (Directorate-General
of Roads,
Ministry of Public Works and
Transport) TC A.1 Chair

What is the World Road Association (PIARC), how it is structured, and what are the key goals of the Association? Presentation covers the main elements of PIARC's Strategic Plan and some of the tools and publications developed by the Association, as well as the main issues that the TC A.1 (Performance of Transport Administrations) Committee has studied in the past, the products and tools developed by the Committee and the new issues that are studied under this cycle. The last part introduces the TC A.1 members that are attending the Seminar and their role in the Committee.

Ukraine Ministry of Infrastructure Strategy 2030.

Transport infrastructure System in Ukraine. Achievements and Challenges



Viktor SASIN

Head of Transport and Road Department
Ministry of Infrastructure of Ukraine

The presentation concerns:

- As of 01.01.18, the State Road Fund has started to work - about 120 thousand km of public roads of local value with appropriate financing transferred to the regions;
- National transport strategy for the period up to 2030 "Drive Ukraine 2030" - conceptual principles of formation and priorities of the implementation of state policy in the field of transport;
- Concessional roads - a challenge to the future;
- Weight-in-Motion - Intelligent transport system. Save the Road from Destruction;
- TruCam - do not cheat on the road - save your life!

Drivers for Change on Transport Administrations and Management Responses



Alexander WALCHER

Managing Director of ASFINAG BMG
TC A.1 WG A.1.2 Co-Leader



Jonathan SPEAR

Director Atkins Acuity
TC A.1 WG A.1.2 Co-Leader

Transport administrations across the world face a range of pressures to change the way they plan, organize and deliver services. Within the World Road Association (WRA/PIARC) in the recent cycle, one Working Group of the Technical committee A1 "Performance of Transport Organization" is evaluating the "Transformation of Transport Administrations". The team has focused on investigating the transformation of transport administrations towards multimodality and other dimensions of change. The aim of the program was to review major changes experienced or undertaken within road and transportation administrations, the desired and actual benefits of these changes and the challenges associated with implementation. Finally, a conceptual framework, or model, of how organizations should think and go about their own change processes and programs has been developed.

Long-Term Planning in Denmark



Niels TØRSLØV

Director Operations and member of the Executive Board of Directors at the Danish Road Directorate. Responsible for Traffic management, Winter operations, Incident management Traffic Data etc.

The Presentation will give an overview of the process of long term planning of road infrastructure in Denmark. This will include the work of the Danish Road Directorate in preparing for potential investments, the role of socioeconomic assessments as well as a brief update on the present political decision process.

Sweden's Long-Term Plan and Planning System. The Economic Planning Process in Sweden



Anna WILDT-PERSSON

Chief Strategist, Strategic Development
Swedish Transport Administration

Sweden has a tradition of working with long term planning of the infrastructure and a model of economic planning that has evolved over time. How does it work? And what is the content of the new multi-modal long term National Plan for 2018-2029: A modern, effective and sustainable transport system?

11:50 – 13:20

PLENARY SESSION 2.

Promoting Transparency and Integrity

Transparency and Accountability in the Road Sector. CoST Monitoring in Ukraine



Natalie FORSYUK

Country manager, CoST Ukraine (Infrastructure Transparency Initiative)

CoST is shining light on dark areas of Infrastructure in many countries. Since 2015 Ukraine went through many challenges to bring transparency as a key factor of many reforms and there are even more to come. The presentation provides a view of strong and weak tendencies in the road sector of Ukraine and lessons learned to improve management practices. Access to information is an important tool to build a competitive and fair market, where good performers are not discouraged.

Institutional Integrity and Implications for Ukraine



Alexander WALCHER

Managing Director of ASFINAG BMG
TC A.1 WG A.1.2 Co-Leader

With increasing global integration and the resulting need for greater levels of comparability, accountability and transparency within the public domain, the need to take targeted action to promote institutional integrity in corporate governance and to act decisively against corruption is increasingly recognized as a priority for all sectors worldwide. This is especially true for the roads sector that is proven to be very vulnerable to corruption. The World Road Association (WRA/PIARC) has a key role to play in these efforts. The presentation sums up the main findings and results of the recent and previous cycles within the World Road Association on the implementation of anti-corruption and response measures including development of a culture of transparency.



Michel DEMARRE

Senior International Adviser SEFI-FNTP (Association of French International Contractors)
TCA.1 French Secretary and WG A.1.3 Co-Leader

Promoting Transparency & Accountability in South Africa



Logashri SEWNARAIN

Functional General Manager,
Roads and Highways, SMEC SA
TC A.1 WG A.1.3 Co-Leader

The presentation will be focusing on current procurement challenges in South Africa, including:

- Improvements in legislation and codes
- The supply chain management role

Impact of PPP projects and concession mechanisms on Increasing Transparency and Improving the Investment Attractiveness of road construction in Ukraine



Illiya SEGEDA

Senior Manager,
Deloitte & Touche LLC

Presentation will focus on why Ukraine needs to seriously consider alternative ways of road construction and finance with PPP and concession being viable mechanisms to foster transparency and investor appeal of infrastructure projects. It will include some facts about wide use of PPP/concession for developing infrastructure in Europe, demonstrate growing interest of investors and business community to launching PPP/concession in Ukraine, highlight remaining obstacles/risks to successful implementation of PPP/concession projects and discuss their potential mitigants.

14:20 – 16:55

PLENARY SESSION 3.

Strategic Planning and Performance Monitoring

Strategic aspects of development of state importance roads



Slavomir NOVAK

Acting Head of State Agency
for Automobile Roads of
Ukraine

The presentation concerns:

- Road [development] sector is the leader in Ukraine reform support rating;
- Implementation of fundamental reforms in the road sector is the basis for its further sustainable development;
- Road rehabilitation in middle term planning: transparency, openness, quality ;
- New approach to quality assessment of conducted work. Initiation and development of amendments to legislation in order to introduce new mechanisms of quality control;
- Intellectual transport systems – European approach to safety and road maintenance.

Measuring the Performance of Road Administrations



Alan COLEGATE

Acting Executive Director
Strategy and
Communications at
Main Roads Western
Australia

The presentation will cover the role of performance management in delivering better outcomes, share the work of our Technical Committee's working group in terms of understanding the relationship between strategic planning and performance measurement and how that will assist in improving transport outcomes. It will also share a Case Study using Main Roads Western Australia, the State road authority.

Roads & Rail Development Strategy in China



Dr. SUN Xiaonian

Ph.D, professor level senior engineer, Deputy Chief Engineer of the China Academy of Transportation Sciences (CATS)

The presentation mainly includes two parts: Long-term road network planning of China Railway (2016-2030) and China National Highway Network planning (2013-2030).



LIU Si

Research Assistant, the Research Center of Scientific Resources and Technological Exchanges at the China Academy of Transportation Sciences

PLENARY SESSION 3. Continued Strategic Planning and Performance Monitoring

Regional Transport Planning – Preconditions for Development of Strategic Projects with Cross-Border Importance in South East Europe



Mate GJORGJIEVSKI

South East Europe Transport Observatory (SEETO), Transport Policy and Law expert

The presentation will describe the framework under which the six Western Balkans partners cooperate closely among themselves and with the EU in the area of transport, as well as the experience regarding the process of extension of the Trans-European Transport Networks (TEN-T) in this region. In addition, it will elaborate on how the institutionalized regional cooperation coordinated by the South East Europe Transport Observatory helped in leveraging the EU and international assistance in infrastructure development, facilitation of transport on cross-border corridors and reform of the transport systems. Finally, the presentation will look at the prospects in regional transport planning and fostering the collaboration with other regions to jointly address international issues in road transport.

Simple Scenario approach for Strategic Asset Planning



Alan COLEGATE

Acting Executive Director Strategy and Communications at Main Roads Western Australia

The presentation will cover How to use a simple scenario-based approach to assist you in exploring and identifying triggers that might alert you to a change in the approaches underpinning your strategic asset planning decisions. In order to understand and test the impacts of changes in your key underlying drivers we created a framework for four possible futures and identified signposts that might identify when one or more of these futures states might becoming a reality.

EFFECTIVE MANAGEMENT OF BUYING ROADWORKS, WINTER CONTAINING DIRECTION OF ROADS AND INNOVATION TECHNOLOGIES IN CITY CONDITIONS

08:30 – 09:00

WELCOME RECEPTION (COFFEE)

09:00 – 09:20

OPENING CEREMONY

- Welcome and Introductions of Dignitaries – **NATALIE FORSYUK** and **ALEXANDER GUSTELIEV**
- Welcoming Remarks – **VOLODYMYR OMELIAN** – Minister of Infrastructure, Ukraine
- Welcoming Remarks – **VITALY KLYCHKO** – Mayor, City of Kiev
- Summary of Day 1 of Seminar – **JOSÉ MANUEL BLANCO SEGARRA**, TC A.1 Chair

09:20 – 10:40

PLENARY SESSION 1.

Management of Road Works Procurement

Moderators **NATALIE FORSYUK** and **ALEXANDER GUSTELIEV**

- Transport Management and Development of the Road Network in Kyiv (**ALEXANDER GUSTELIEV**, Ukraine)
- Good Practice in Spain for Designing Road Works Including Project Changes (**FERNANDO LÓPEZ-MENCHERO DÍEZ**, Spain)
- Procurement of Road Works in Austria. Aiming for the Best, not the Cheapest - Incentives for Good Performance (**ANDREAS FROMM**, Austria)
- Q&A Panel Discussion

10:40 – 11:00

COFFEE BREAK

11:00 – 13:05

PLENARY SESSION 2.

Winter Operations and Road Safety in City Conditions

Moderators **NATALIE FORSYUK** and **ALEXANDER GUSTELIEV**

- Winter Operations in Danish Road Directorate and City of Copenhagen (**NIELS TØRSLEV**, Denmark)
- Winter Maintenance in Vienna (**PETER NUTZ**, Austria)
- Kyiv Urban Traffic Management Solutions – Improving Road Safety and Reducing Travel Time and Emissions (**STEFAN SEITZ**, Germany)
- Business sector presentation (TBD)

PLENARY SESSION 2. Continued

Winter Operations and Road Safety in City Conditions

- Transport projects supported by Eurocomission and EIB (**TEODORA ANDREEVA**, EU Delegation to Ukraine)
- Which speed measurement for which road safety policy (**ERIC HOYRUP**, Egis Ukraine)
- Q&A Panel Discussion



13:05 – 14:05

LUNCH



14:05 – 15:25

PLENARY SESSION 3. Impact of Disruptive Technologies and Innovation in City Conditions to the Performance of Transport Administrations



Moderators **NATALIA FORYSUK** and **ALEXANDER GUSTELIEV**

- Smart Roads: Projects and Investments by Anas (**ILARIA COPPA**, Italy)
- Disrupting the Transport Modes – Cycling Impacts in Copenhagen and Denmark (**NIELS TØRSLEV**, Denmark)
- Disrupting the Transport Sector through Technology and Innovation (**ANNE-SÉVERINE POUPELEER**, Belgium)
- Q&A Panel Discussion

15:25 – 16:35

PLENARY SESSION 3. Continued



- Sweden's Experience of Innovation and Technology Cooperation with the Automotive Industry (**ANNA WILDT-PERSSON**, Sweden)
- Key Trends & Challenges in Dealing with Autonomous Vehicles (**JONATHAN SPEAR**, Singapore)
- A Rhode to Autonomy – Providence to Kyiv via Beijing (**CHRISTOS S. XENOPHONTOS**, USA)
- Q&A Panel Discussion

16:35 – 17:05

CLOSING REMARKS AND CONCLUSIONS



Open Discussion on Next Steps – Moderators **NATALIA FORYSUK** and **ALEXANDER GUSTELIEV**

- Conclusions (TCA.1) **JOSÉ MANUEL BLANCO SEGARRA**
- Wrap-Up by Moderators **NATALIA FORYSUK** and **ALEXANDER GUSTELIEV**

17:05

END OF DAY 2



EFFECTIVE MANAGEMENT OF BUYING ROADWORKS, WINTER CONTAINING DIRECTION OF ROADS AND INNOVATION TECHNOLOGIES IN CITY CONDITIONS

day

09:20 – 10:40

PLENARY SESSION 1.

Management of Road Works Procurement

Transport Management and Development of the Road Network in Kyiv



Oleksandr GUSTIELIEV

General Director of Municipal Corporation «Kyivavtodor»; official representative from the city of Kiev in World Road Association (PIARC)

The presentation concerns:

- The state of the road-transport complex of the capital of Ukraine;
- Trends and Prospects for the Development of Road Infrastructure and Transport Industry of Kyiv;
- Modern problems of development of the road-transport complex of the capital and ways of their solution.

Good Practices in Spain for Designing Road Works Including Project Changes



Fernando LÓPEZ-MENCHERO DÍEZ

Head of Service for Projects, Ministry of Fomento (Public Works), Spain

The presentation concerns:

- An overview of the main constraints in Spanish road asset creation;
- A description of the main phases and milestones in road Project design in the framework of the Ministry of Fomento's operational strategy;
- A qualitative analysis on how project monitoring has contributed to introducing functional improvements in road Projects.

Procurement of Road Works in Austria. Aiming for the Best, not the Cheapest - Incentives for Good Performance



Andreas FROMM

MBA, Managing
Director, ASFINAG,
Vienna

The presentation shows the main facts about the Austrian Motorway (ASFINAG) procurement system. In Austria we search for the best not the cheapest contractor. Andreas Fromm gives an overview about the best bidder concept and major factors for a good working procurement system.

11:00 – 13:05

PLENARY SESSION 2.

Winter Operations and Road Safety in City Conditions

Winter Operations in Danish Road Directorate and City of Copenhagen



Niels TØRSLØV

Director Operations and
member of the Executive
Board of Directors at the
Danish Road Directorate

This presentation will describe the different setups and discuss performance management issues of winter operations on the national road network as well as in the City of Copenhagen. The presentation will look into service levels and efforts to reduce cost and develop a more efficient winter operation.

Winter maintenance in Vienna



Dr. Peter NUTZ

Head of Planning and Winter
Maintenance, Vienna City
Administration

Facts about the winter maintenance in Vienna and the challenges in urban areas. How new ploughs and spreaders are used to reduce the amount of salt needed to provide safe roads. Comparing the technologies in points of quality and salt savings.

Kiev Urban Traffic Management Solutions – Improving Road Safety and Reducing Travel Time and Emissions



Stefan SEITZ

Managing Director,
Swarco Traffic Holding

The target is to reduce congestions, travel times and emissions and to improve road safety in the city of Kiev. The presentation shall give some outlines about possible solutions and best practice examples.

PLENARY SESSION 2. Continued

Transport projects supported by Eurocomission and EIB



Teodora ANDREEVA

Sector Manager for Transport policy, European Union Delegation to Ukrain

The presentation concerns:

First results and further steps for best outcomes of the Association and DCFTA Agreement between the EU and Ukraine and actions of importance: the improvement of the regulatory environment of the transport sector; the modernization of the transport networks.

The implementation of the new External Investment Plan, which provides an excellent opportunity for Ukraine to use EU blending and guarantee tools for infrastructure projects, creates the necessary encouragements for infrastructure improved.

The road safety problem in Ukraine.

Which speed measurement for which road safety policy



Eric HOYRUP

Egis Consultant, Team Leader of EIB-funded Technical Assistance project "Modernization and safety improvements of the road network in Ukraine"

Speed is the main risk factor for accidents.

Actual speed of a vehicle is a choice of its driver; it is also a matter of design of the road/street, whereas maximum speed is established by the law, and displayed on roadside by signs.

How can these different approaches work together, how is speed measured, and why ?

14:05 – 15:25

PLENARY SESSION 3.

Impact of Disruptive Technologies and Innovation in City Conditions to the Performance of Transport Administrations

Smart Roads: Projects and Investments by Anas



Ilaria COPPA

Anas S.p.A. – Responsible for the Transport Planning, Updating and Network Classification unit

The presentation concerns:

- A description of the initiatives that Anas is introducing to implement Smart Road technology and promote innovative ITS solutions along the network managed;
- The studies behind the design and choice of technologies;
- The pillars of the Italian Smart Road Decree adopted this year.

Disrupting Transport Modes – Cycling impacts in Copenhagen and Denmark



Niels TØRSLØV

Director Operations and member of the Executive Board of Directors at the Danish Road Directorate

This presentation will give an overview of how and why the modal split on cycling in Denmark and Copenhagen came to very high levels. What has been the key drivers, what is the impacts and what is being done to improve the cycling culture further on.

Disrupting the Transport Sector through Technology and Innovation



**Anne-Séverine
HOUPELEER**

Head of division of road department in Flemish-Brabant at the Agency for roads and traffic in Flanders (Belgium)

The world is changing very fast and there are a lot of changes to deal with. We all seek innovation, try to do new things and even make things that make the old things obsolete. This asks for the right mindset, you have to be open for it. Some changes in the world of mobility and their impact.

15:25 – 16:35

PLENARY SESSION 3. Continued

Sweden's Experience of Innovation and Technology Cooperation with the Automotive Industry



Anna WILDT-PERSSON

Chief Strategist, Strategic Development
Swedish Transport Administration

The Swedish Transport Administration collaborates with the industry and academia in the field of research and innovation. The seminar will explore some of the challenges and lessons learned from joint research and give some examples of collaboration between the government and the automotive industry to facilitate the next generation mobility services, based on connected and automated vehicles.

Key Trends & Challenges in Dealing with Autonomous Vehicles



Jonathan SPEAR

Director Atkins Acuity
TC A.1 WG A.1.2 Co-Leader

The presentation will provide an overview of the current state of Connected and Autonomous (CAV) and Electric (EV) Vehicle technology across the World and some perspectives on potential future trends. The challenges raised by such technology for policy makers will be highlighted, as well as the potential benefits and impacts, principally from an urban planning perspective. Finally, some observations on a future road map for technology development, take-up and maturity will be presented.

A Rhode to TRIP – Planning for the future of mobility in Rhode Island



**Christos S.
XENOPHONTOS**

Assistant Director for the Rhode Island Department of Transportation, Vice Chair of AASHTO's Committee on Performance Based Management, and English Secretary for PIARC's TC A.1 Performance of Transport Administrations

The presentation describes the journey of a Transportation agency in the Autonomous Vehicle arena from hosting a Mini Summit on Connected and Autonomous Vehicles as part of the TC A.1 meeting in Rhode Island in April of 2017 to the current seminar in Kiev. It highlights the action plan developed and implemented for the agency, from framing an RFI around major questions on CAVs, the hosting of an industry Expo, the establishment of a state-wide partnership, the issuance of an RFP under a PPP for an Autonomous Vehicle Mobility Challenge, and finally to providing a first/last mile micro-transit mobility solution using autonomous vehicles.



World Road Association (PIARC)

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