



ANNOUNCEMENT

# INTERNATIONAL SEMINAR

28-29 November, 2024, Astana, Kazakhstan

*Driving Innovation: Exploring the Potential of Intelligent Transport Systems in Modern Infrastructure*

ORGANIZED BY



Ministry of Transport of the  
Republic of Kazakhstan



QAZJOLGZI



### ABOUT PIARC

PIARC is the World Road Association founded in 1909 as a non-profit, non-political Association with a goal of organising exchange of knowledge on all matters related to roads and road transport

#### PIARC's Key Missions are

- To be a leading international forum for analysis and discussion of the full spectrum of transport issues related to roads and related transport;
- Identify, develop, and disseminate best practice and give better access to international information;
- Consider within its activities the needs of developing countries and countries in transition fully; and
- Design, produce, and promote efficient tools for decision making on matters related to roads and related transport.

### TECHNICAL COMMITTEE 2.4

#### ROAD NETWORK OPERATIONS / INTELLIGENT TRANSPORT SYSTEMS

The capacity of the road network is not fully utilized, as traffic demand is concentrated on only small sections of the road network. Technical Committee 2.4 "Road Network Operations and Intelligent Transport Systems" focuses on how new mobilities, new technologies and digitalization are integrated into the operation of the road network. This TC studies the concept of mobility as a service (MaaS). It will also update the manual on Road Network Operations and Intelligent Transport Systems (RNO / ITS).

#### Issues:

- **2.4.1** Opportunities offered by new forms of mobility in the operation of road networks
- **2.4.2** Optimizing road operations and performance through new technologies and digitalization
- **2.4.3** Sharing Road Network Operations and ITS Knowledge through a Dedicated Online PIARC Resource

### OBJECTIVES OF THE SEMINAR

Innovative concepts of operation, also called ITS, are taking place in a global context of road traffic congestion on the one hand and the development of new information technologies on the other. Therefore, these could provide important tools to help tackle new challenges imposed by public transport policies, and which can be summarized in "an efficient, clean and safe transport", indeed, these innovative concepts :

- Contribute to increased transportation efficiency. Real-time traffic and travel information improves transportation management and facilitates the interaction between modes, thereby encouraging intermodality;
- Play a key role in the greening of transportation by introducing the concept of environmentally friendly "green transportation corridors";
- Road safety and security applications can save lives. Driver assistance and other safety, navigation, tracking and tracing devices all play a role in promoting transportation safety.

This seminar is intended to promote discussion and provide insight into global initiatives regarding the advancement of road network operations through new concepts including ITS.

### LOCATION OF THE SEMINAR

28-29 November, 2024, Astana, Kazakhstan  
The seminar will be held at the International Exhibition Center EXPO, Astana, Kazakhstan.

**Astana:** Astana, the capital of Kazakhstan, lies on the Ishim River in the country's center, serving as a major political, cultural, and economic hub.

Astana's sharply continental climate brings cold winters and warm summers, making it a striking city on the steppe. Known for its modern architecture symbolizing Kazakhstan's progress, Astana's strategic location and rapid growth attract international business and tourism, enhancing its global role.



# INTERNATIONAL SEMINAR

**Driving Innovation: Exploring the Potential of  
Intelligent Transport Systems in Modern Infrastructure**

**General  
information**

## REGISTRATION

Prospective delegates to the International Seminar on Sustainable Road Freight Transport for Economic and Social Development are required to fill the Pre-Registration Form on the last page for each person attending and submit a separate registration form. Registration is free. Alternatively, prospective delegates may fill it then submit a scanned copy to the emails:

[info@piarc.kz](mailto:info@piarc.kz)

## ACCOMMODATION

### **Hilton Astana**

5\*, room rate about 150 euros (breakfast included), including discounts for the National Committee of PIARC in the Republic of Kazakhstan.

## TRAVELING

You can get to Astana airport via Istanbul, Frankfurt, Dubai, Doha, Warsaw, Prague.

Please be prepared for cold weather. At the end of November, the air temperature is forecasted from 4 to 6 degrees below zero.

## ORGANIZING COMMITTEE

### **Committee TC2.4:**

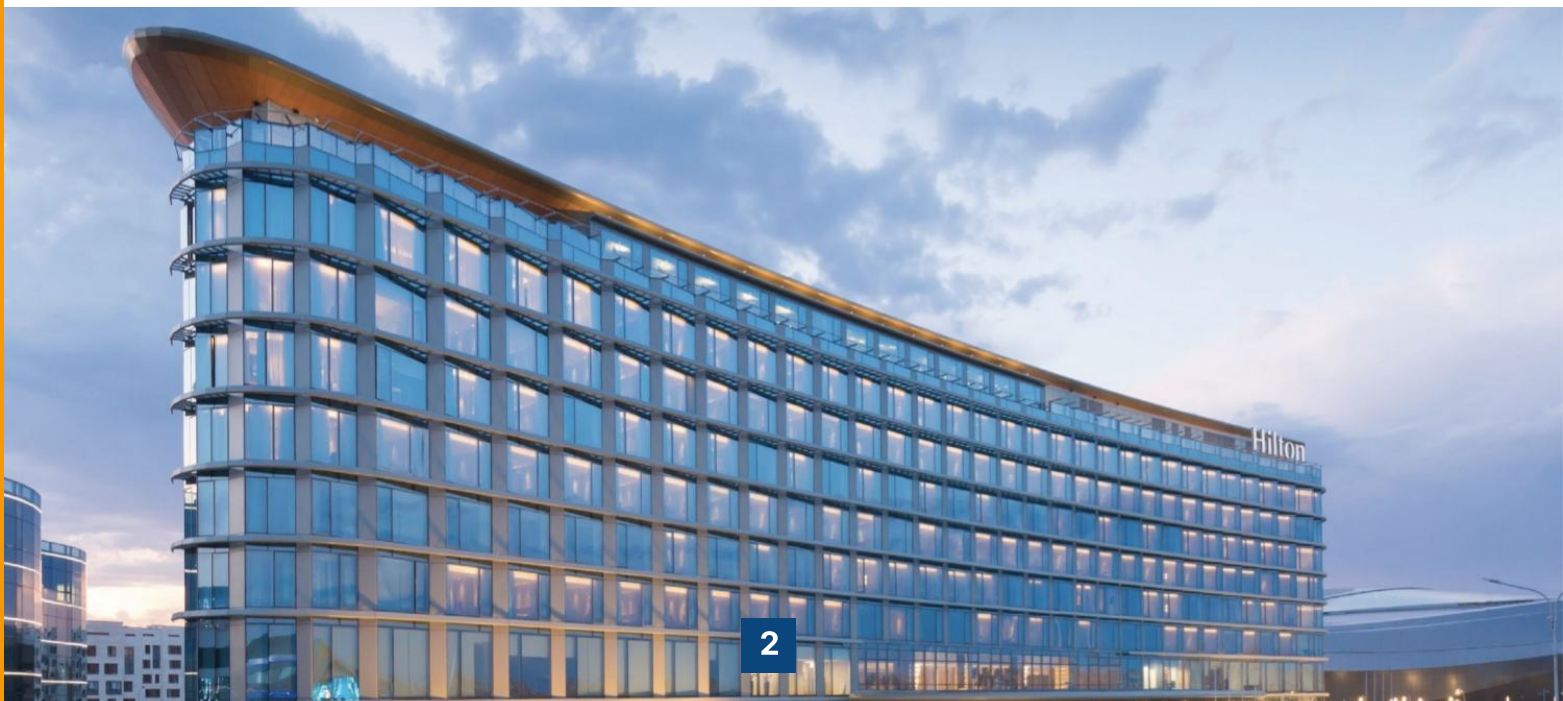
- Chari: Valentina Galasso,
- French speaking secretary: Kaouther Machta

### **General Secretariat:**

- Technical Director: Miguel Caso Florez
- Technical Advisor: Jeayoun Kim

### **Kazakhstan**

- Berik Kamaliyev (Chairman of the National Committee of PIARC in the Repablik of Kazakhstan)
- Arman Alibayeva (Chairman "KazjolGZI" JSC)
- Dmitriy Bessonov (Executiv director of the National Committee of PIARC in the Repablik of Kazakhstan)
- Talgat SMAGULOV (TC 2.4 member)
- Kurmangazy Tuley (TC 2.4 member)
- Victoria Shmatenko (Director "VS ExpoCom" LLP)



# INTERNATIONAL SEMINAR

Driving Innovation: Exploring the Potential of  
Intelligent Transport Systems in Modern Infrastructure

28-29 November

## Thursday 28 November – Seminar Day 1

**10:00 – 10:45**

(it can be extended  
if needed)

Opening Session (joint for Kaztraffic and PIARC seminar, in the 1st floor)

**10:45 – 13:00**

(it can start later if  
needed)

Technical Session 1 – Foundations of Mobility: Understanding the Core Principles of Intelligent Transport Systems. Session Chair: XXX

**13:00 – 14:00**

Lunch (on your own)

**14:00 – 15:30**

Technical Session 2 – The Digital Road Ahead: Accelerating Efficiency and Safety through the Digitalization of Road Operations. Session Chair: Kurmangazy Tuley

**15:30 – 16:00**

Break and visit of Kaztraffic Expo

**16:00 – 17:00**

Panel discussion 1 – Evolution of Intelligent Transport Systems

## 29 November – Seminar Day 2

**9:00 – 11:00**

Technical Session 3 – Innovation on the Road: Harnessing New Technologies for Enhanced Performance in Road Network Operations  
Session Chair: XXX

**11:00 – 11:30**

Break and visit of Kaztraffic Expo

**11:30 – 13:00**

Technical Session 4 – Bridging the Gap: Empowering Low and Middle Income Countries with Intelligent Transport Systems  
Session Chair: Kaouther Machta, TC2.4, Tunisia

**13:00 – 14:00**

Lunch (on your own)

**14:00 – 16:00**

Technical Session 5 – Towards Tomorrow's Transportation: Envisioning the Future of Intelligent Transport Systems  
Session Chair: Valentina Galasso

**16:00 – 16:30**

Break and visit of Kaztraffic Expo

**16:30 – 17:00**

Closing ceremony joint for Kaztraffic and seminar on the 1st floor

**PRE-REGISTRATION FORM**  
**28-29 November, 2024, Astana, Kazakhstan**

Last name: ..... First name: .....

Title: .....

Organization: ..... Country: .....

Address: .....

City: ..... Phone: .....

E-mail: ..... Fax: .....

**Please return completed form to:**  
E-mail: [info@piarc.kz](mailto:info@piarc.kz)  
Mobile Phone: [+7 705 295 4007](tel:+77052954007).