

## ERF - PIARC SPECIAL SESSIONS

# IRF World Congress 2024

Connecting to Empower Mobility:  
Roads as Enablers of a Sustainable Future for All

15 – 18 October 2024 | Istanbul, Türkiye

**Organiser:**

PIARC World Road Association

ERF – European Union Road Federation

**Responsible for this session:**

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**Title of the session:**

Paving the Way to Sustainability: Innovations and Strategies for Sustainable Road Infrastructure

**Programme :**

Time	Topic / Presentation Title	Proposed Speakers (chair / moderator / speaker)
5	Introduction	Nazir Alli - PIARC President
4	PANEL 1 : Sustainability and Environmental Impact in Road Projects Introductory Remarks	Christophe Nicodème – ERF
6	1. Funding and Finance Incentives for increasing sustainability of road projects	Andrew Warrington - Arcadis, UK - PIARC TC 1.3
6	2. Monitoring of the acoustic absorption of tire rolling noise	Ottavia Calamani, AISICO
6	3. Sustainability Studies implemented in Eurasia Tunnel	Askin Kaan Kaptan - Avrasya Tüneli, Türkiye- PIARC TC 4.4

6	4. Sustainability in Public-Private Partnership Road Projects	Murat Gucuyener - Avrasya Tüneli, Türkiye - PIARC TC 4.4
6	5. Environmental impact of vehicle restraint systems	Claudia Cofano - Arcelor Mittal
6	6. Reducing CO2 and microplastics from road markings	Alexander Klein - Röhm
3	<b>PANEL 2: Climate Change Mitigation and Adaptation Strategies in Road Construction</b> Introductory Remarks	<b>Patrick Mallejacq, PIARC</b>
6	1. Decarbonization solutions for Road Users (ERS)	Jan Pettersson - Trafik Verket - PIARC Chair, TC 3.5
6	2. Decarbonization initiatives in Road Construction and Maintenance	JC Roffé - France - PIARC TC 4.5 & ERF
6	3. Impacts of climate change on road pavements and mitigation efforts and adaptation strategies for Turkey -	Muhammet Komut - General Directorate of Highways, Türkiye - PIARC TC 1.4
6	4. Two pollutions, one solution (assuming this topic relates to combining efforts to tackle different types of pollution in road construction)	Nejan Hatko - ENBF
6	5. Strategic Implementation of Value capture financing mechanism by local governments	Rafael Aldrete
6	<b>Open Discussion/Concluding Remarks</b>	<b>Christophe Nicodème - ERF</b>