Session 4 – presentation 15

Speaker : Pieter de Winne

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Pieter graduated in 2000 with a Master of Science in Civil Engineering at Ghent University. He started his career as a project engineer at the Flemish Road Agency. Since 2009, he has been the Head of the Flemish Road Engineering Division and he also gives lectures at Ghent University on the course "Material and Environmental aspects of Road Engineering".

At an international level, Pieter is chair of CEDR's Task Group Research and member of the PIARC Technical Committee on Freight Transport.

Title of the presentation: Introduction to the debate - What are the needs and challenges of the Transport Infrastructure owners in terms of innovative operations solutions - The point of view of the transport infrastructure owners?

In this presentation, the focus will be on the needs and challenges for road owners regarding innovative operations from a CEDR perspective.

Innovative research must respond to the needs of a more efficient and effective way of managing and operating the strategic road networks of CEDR countries, bearing in mind the limited availability of funding and the increasing age of infrastructure assets.

The many advances in traffic technology and ITS in recent years must offer the opportunity for improvements in network management and operation, particularly relating to congestion management, road safety and information.

However, more progress is needed to move more quickly from research to deployment: more efficient lighting systems, sustainable winter operations services, integrated traffic management and incident management, road inspections by drones, automatic Weigh-in-motion (WIM), cross asset management, etc.