



PROMOTING EXCELLENCE

IN THE MANAGEMENT OF ROADS

STRATEGY & VISION

For over two decades, CEDR has been at the forefront of advancing excellence in the management of Europe's roads for National Road Authorities. Anticipating trends and tackling emerging challenges in today's complex and evolving road transport landscape calls for harmonised efforts and innovative, long-term solutions. CEDR provides a vital platform for collaboration, fostering a safer, smarter and more sustainable pan-European road network.



A pan-European approach of national networks

European National Road Authorities (NRAs), working together through CEDR, manage their own national road networks that collectively stretch over one million kilometres. They play a vital role in shaping the performance and functionality of this extensive system.

The PERN (Pan-European Road Network) of CEDR's members connects Europe's major urban and economic hubs with rural and remote areas. It reflects both national and cross-border links, with motorways making up around 60% of the network. Approximately 10% of the PERN is integrated into the EU's Trans-European Transport Network (TEN-T).

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CEDR is an organisation of European NRAs promoting excellence in the management of roads.



Strategic Goals

- Help NRAs to keep ahead of the curve, anticipate future trends and prepare them to face new challenges
- Reinforce NRAs role as key providers of efficient and seamless mobility from an end user perspective within the transport system
- Facilitate and optimise the efficient use of resources, making the best use of existing infrastructures
- Improve the safety and sustainability of roads, and reduce their environmental impact and carbon footprint



Vision Statement

CEDR consolidates its position as the platform for European NRAs facilitating, reliably and effectively:

- Benchmarking and sharing of knowledge and best practices
- Collaborations and sharing of resources in joint projects
- Professional networking and competence building



ACTIVITIES & PRODUCTS

01 The Dublin Declaration

The Dublin Declaration is CEDR's commitment to knowledge development and exchange, addressing the challenges of preserving and futureproofing the capabilities of Europe's roads in partnership with relevant bodies.



Dublin Declaration main objectives:

- Mapping the main critical and relevant infrastructure and system
- Scope and timing of interventions across key corridors
- Cross-system harmonisation of guiding frameworks
- Reconsidering the construction delivery chain
- Reconsidering governance frameworks
- Vision for the digital road manager
- Rethinking the framework for skills and knowledge development and implementation

CEDR and the Digital Road Manager (DRM)

DRM is a concept introduced by CEDR to help NRAs across Europe navigate the digital transformation of road networks. DRM aims to raise awareness and foster knowledge exchange on how digitalisation is reshaping the future of road management.

The focus lies on understanding the impact of DRM on key areas such as policy goals, societal acceptance and human behaviour, infrastructure and investment needs, both physical and digital, traffic flow and management, evolving business models, as well as regulation, harmonisation, and standardisation requirements.

CEDR and the Transport Research Arena (TRA)

The TRA conference brings together stakeholders from across all transport modes fostering collaboration between research, industry, and policy-making communities. With a programme of plenary and technical sessions, exhibitions, and live demonstrations, the conference offers a platform to exchange ideas and shape the future of transport. TRA is held every two years since its launch by CEDR in 2006.

02 Working Groups

CEDR Working Groups (WGs) consist of NRA experts working on specific subject areas. The WGs may also include specialised Expert Groups focused on concrete tasks and deliverables with the aim of achieving specified goals.

CEDR's WGs cover a broad range of topics critical to the future of Europe's road infrastructure and management. These include the performance of the European road network, road freight corridor management, sustainability, the safe system approach, supply chain relations, collaborative governance, digital road management, innovation, research and skills development, and alignment with EU legislation.

03 Research Calls

The annual CEDR Research Calls since 2008 focus on topics that reflect the evolving priorities of European NRAs. Their goal is to generate practical, implementable results that support the development of a safe, smart, and sustainable road network across Europe.

Recent CEDR Research Calls have addressed a wide array of topics, including renewable energy, safe and smart highways, soil management, connectivity, automation, data-driven solutions, resource efficiency, climate change adaptation, intelligent access systems, road lighting, and the implementation of the safe system approach, among others.

04 Publications

CEDR publishes a wide range of documents. Technical Reports and Fact Sheets focus on practical outputs from WGs, while Project Reports and Contractor Reports are produced by external experts as outcomes of funded projects.

05 Surveys

CEDR also conducts surveys among European NRAs aimed at gathering structured data and insights on a range of relevant topics. These surveys serve as a valuable tool for benchmarking practices, identifying trends, and understanding challenges faced across different countries.

06 Webinars

Furthermore, CEDR organises regular thematic webinars on key issues for Europe's NRAs. The webinars offer timely updates on CEDR and other activities, as well as opportunities for NRAs to engage with external stakeholders on strategic and technical topics.



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