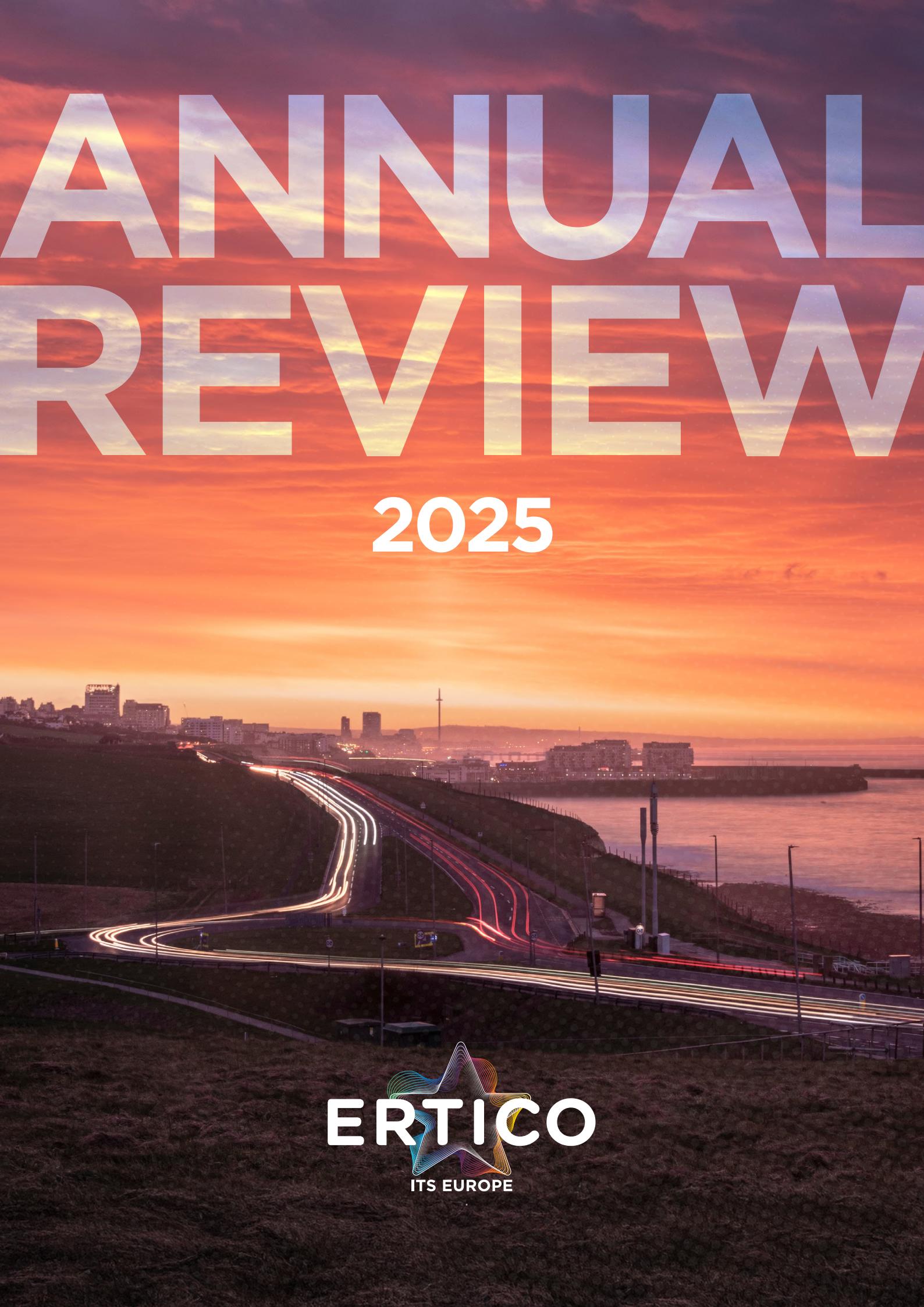
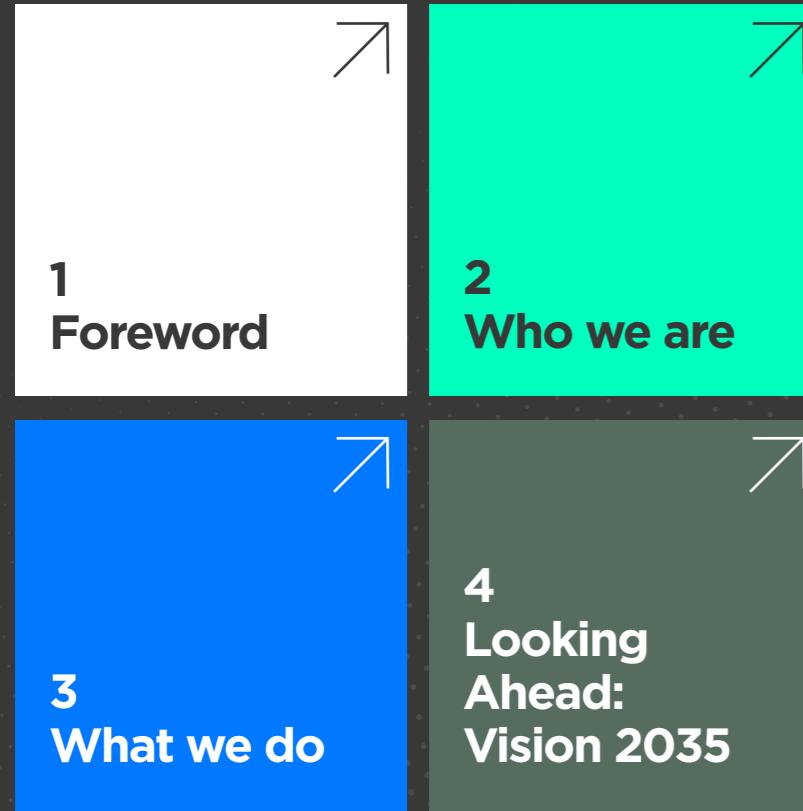


ANNUAL REVIEW

2025



CONTENTS



1 FOREWORD

2025 marked the beginning of a defining chapter in our journey. With a new vision, mission and strategic areas firmly in place, we sharpened our collective direction and strengthened our resolve to address the evolving needs of society. Together, we advance intelligent, sustainable and human-centred mobility solutions that meet the demands of today while anticipating those of tomorrow.

To realise this, our work is driven by core values, representing the ambition of all colleagues and the support of our Partners:



Cooperative



Impactful



Open



Passionate



Visionary



A Message from Our CEO

As we reflect on the achievements of the past year, in the second term of my tenure, I am honoured to present ERTICO's Annual Review 2025. This has been a year of profound transformation for Europe's transport and mobility landscape, and a year in which our Partnership once again demonstrated its ability to respond with ambition, unity and purpose. Guided by our new Vision 2035, we continued to deliver meaningful progress towards a safer, more resilient and more inclusive mobility future for everyone.

A FAST-EVOLVING ECOSYSTEM

The industry value chain is no more national nor European. It is truly global and went through disrupted horizons in some cases. The pace of technological, societal and environmental change continued to accelerate. Data, Artificial Intelligence, Software-Defined Vehicles and the Internet of Things rose rapidly while the urgency for climate neutral and energy efficient transport solutions grew even stronger. Connected, Cooperative and Automated Mobility is moving closer to large-scale deployment and renewed attention to data governance, multimodality, electrification and supply chain resilience underscored the need for a more integrated and equitable transport system. These developments remind us that innovation must always serve people, communities and society at large. Resilience, sustainability and equity remained central pillars of our work throughout the year.

Building on this, we are fully committed to advancing the European agenda in close cooperation with the other regional ITS organisations, national ITS Associations and European institutions. Together, we will support Europe's ambitions of strengthening its industrial base and technological sovereignty, accelerating the digital and green transition through clean technologies, and advance safer infrastructure while fostering industrial resilience to support strategic autonomy.

Looking ahead, I am inspired by the collective energy of our community. Our commitment remains unwavering: to ensure that our work continues to reflect society's evolving needs while shaping the future of safe, sustainable and intelligent mobility.

OUR PARTNERSHIP MILESTONES

Collaboration remained the cornerstone of our progress. The first half of the year set a remarkable pace, highlighted by the inaugural **Annual Partnership Forum** held alongside our **35th General Assembly** in Brussels. This important gathering brought together more than one hundred Partners to co-create strategic roadmaps and transform shared ambitions into concrete actions.

Sharing knowledge also remained central to our mission. With the insights of our Partners, we launched the second edition of the ITS Market Radar report, released new episodes of the Connecting Dots and Talks podcast, and expanded our interview series to highlight the expertise and diversity of perspectives across the Partnership.

We were proud to welcome **11 new Partners**, enriching our public-private network: SALFO Engineering & Management, SHIFT – London Legacy Development Corporation's Innovation Agency, Miovision, Actia, Beemobs, Istanbul Metropolitan Municipality, Luxembourg National Data Service, Systra, MOST, Transport for London and Transport for Greater Manchester.

Above all, this year reaffirmed our commitment to putting our Partners first. We expanded our efforts with a growing range of new initiatives aiming to put our Partners in the Spotlight, including dedicated webinars, new podcast content, tailored meetings with European institutions, cross sector dialogues and increased international outreach. Together, these efforts ensured that their expertise, work, insights and achievements take centre stage across all our activities.

STRENGTHENING OUR THOUGHT LEADERSHIP ROLE

This year reinforced ERTICO's role as a catalyst for knowledge, innovation and advocacy at European and global levels. Anchored in our new Vision 2035, we consolidated our thought leadership activities, including the promotion of our White Paper on Artificial Intelligence in Mobility and the publication of a Memorandum on the transformative potential of Intelligent Transport Systems. We deepened our engagement with European institutions, contributing insights to the Automotive Industrial Action Plan, the ITS Directive and the FP10 research framework.

We also participated in the Commission's high-level meeting on Technology and Digital Innovation in relation to the Automotive Action Plan, and facilitated dialogue on recent ITS developments in a dedicated session at the European Parliament. In addition, ERTICO co-created a new set of recommendations on an inclusive and sustainable future for urban mobility as part of the Commission's Expert Group on Urban Mobility. These efforts ensure that Intelligent Transport Systems remain central to Europe's competitiveness, sustainability and long term resilience.

INNOVATION REMAINS AT THE CORE

ERTICO delivered tangible value through the transition from research to deployment. We supported a record number of **40 European funded projects**, coordinated together with our Partners, consortium members and external stakeholders. This included the launch of **10 new projects**: CAMBER, CCAMBassador, CERTAIN, CHORUS, FEDORA, MACBETH, SCUDO, SMARTIN, TISGRADE and O-CEI.

We also celebrated the completion of ten flagship projects, leaving a strong legacy of achievements that will continue to enhance safety, efficiency and accessibility across the mobility ecosystem. They were: FAME, GUIDE, IN2CCAM, LeMesurier, NextETRUCK, PoDIUM, PRIVATEER and SINFONICA.

Our ongoing portfolio advanced important areas such as automation, electrification, data exchange and user-centred mobility, supported by the continuous contributions of our Innovation Platforms.

SHOWCASING EUROPEAN & GLOBAL LEADERSHIP

Our role in convening the broader mobility community was once again on display throughout the year. The **16th ITS European Congress** in Seville brought together more than 3,000 participants from over 70 countries, showcasing breakthroughs in CCAM, Artificial Intelligence driven traffic management and real time infrastructure intelligence.

European leadership was also visible on the international stage at the **31st ITS World Congress** in Atlanta, where up to 6,000 attendees explored global perspectives on safety, accessibility, data, interoperability, automation and next-generation urban mobility.

As preparations advance for the 17th ITS European Congress in Istanbul, 27-29 April 2026, the 32nd ITS World Congress in Gangneung, 19-23 October 2026, and the 33rd ITS World Congress in Birmingham, 25-29 October 2027 the Congress cycle continues to strengthen our ambition to unite public-private stakeholders.

A TALENTED TEAM OF EXPERTS

At the heart of our achievements stands our remarkable team. Guided by our core values, their dedication and creativity, combined with the energy of our Partners, continue to turn strategic vision into action and innovation into real impact.

We remain committed to cultivating a workplace culture that encourages collaboration, creativity and continuous growth. In 2026, we will put renewed emphasis on talent development and team empowerment, building on a strong human resources programme that supports our evolving ambitions.

Looking ahead, the coming year holds great promise. It will offer fresh opportunities to deepen our thought leadership, shape policy and accelerate the deployment of solutions that make transport safer, more resilient and more inclusive. Together with our Partners and stakeholders, we will continue to advance intelligent mobility and nurture a connected ecosystem that delivers meaningful benefits for people, cities and society.

As we enter this new chapter, we do so with confidence, purpose and a shared sense of ambition. Together, we will continue to transform ideas into lasting progress and inspire the future of mobility.

I extend my sincere gratitude to our Partners, the Supervisory Board, the Strategy Committee, the European Commission and all those who support and contribute to ERTICO's mission.

**Be inspired
and inspire others.**

Joost Vantomme
ERTICO CEO



2 WHO WE ARE



Throughout this year, ERTICO strengthened its thought leadership role through active stakeholder engagement across various activities, from European-funded projects and innovation platforms, to ERTICO-led initiatives and the annual ITS Congresses.



As the catalyst of innovation, we connected people, shared knowledge, and accelerated the adoption of a Europe-wide integrated and user-centric smart transport system. By fostering digitalisation, competitiveness and leadership, we introduce a new mission and vision supported by four strategic areas with enablers and outcomes.



Our Vision

Empowering intelligent, safe and resilient mobility for an inclusive and sustainable society.



Our Mission

We connect stakeholders, leverage innovation and knowledge, and promote deployment of an integrated and user-centric transport system while fostering digitalisation, competitiveness, leadership and future growth in alignment with European values.



A New Strategic Focus

Our mission and vision is brought to life through a newly adopted strategy, built around four distinct yet interconnected strategic areas.

Transport for people

Improve transport for people by enhancing the efficiency, safety, and accessibility of mobility services that support users' in meeting their daily needs.

Transport of goods

Optimise the transport of goods and services to strengthen economic growth, ensure supply chain reliability, and meet the evolving needs of both businesses and citizens.

Our strategic areas encompass a portfolio of enablers, including **Connectivity**, **Digitalisation**, **Data-Driven Intelligent Mobility**, **Data Processing** and **Standardisation**.

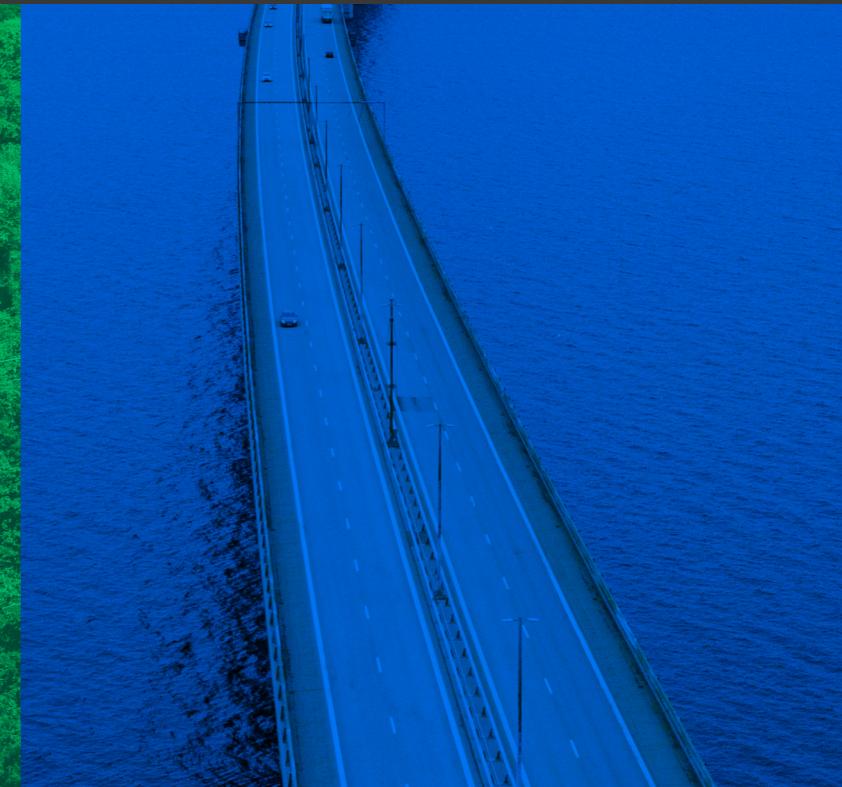
They are also influenced by the overarching **outcomes** we want to achieve. This includes **Sustainability**, **Resilience**, **Safety**, **Efficiency** and **Human-Centric Mobility** accessible for all.

Urban and suburban networks

Advance smart mobility in urban and suburban environments through innovative solutions that improve connectivity, reduce congestion, and enable efficient movement across cities.

Cross-border corridors, inter-urban networks

Promote seamless cross-border and inter-urban mobility by supporting corridors and regional networks that drive economic integration and connectivity across peri-urban and international areas.



The ERTICO Partnership

Partnerships are the driving force behind our mission to transform mobility for everyone. Through ERTICO, diverse stakeholders across the ITS community come together to advance safer, more efficient, and more sustainable mobility solutions.

The ERTICO Partnership, which began in 1991 with 15 members, has grown to over

120+

across eight key sectors in transport and mobility, including public authorities, the connectivity industry, research organisations, service providers, suppliers, the traffic and transport industry, and transport users.

Together with our Partners, we are leading the digital transformation of transport by advancing cutting-edge technologies, introducing new services, and creating innovative solutions for the more intelligent movement of people and goods.



ERTICO's renewed strategy marks a decisive shift from research and demonstration towards large-scale deployment and real-world impact. As a bridge-builder between innovation and implementation, ERTICO connects technology with cities, regions, and national authorities to close the gap between local action, such as the City Moonshot initiative, and national policy. This vision emphasises that ITS must align with the European Union's core priorities: the European Green Deal, digitalisation, resilience, and decarbonisation. Achieving this ambition requires regulatory certainty, sustainable financing, and strong stakeholder commitment. ERTICO calls for funding instruments such as Horizon Europe, the Connecting Europe Facility (CEF), and future EU programmes to prioritise deployment and long-term implementation. Through this strategic evolution, ERTICO is transforming innovation into tangible societal value: ensuring that intelligent mobility delivers cleaner, safer, and more resilient transport systems for all.

Dr Angelos Amditis
ERTICO Chairman, Supervisory Board

We ensure that these diverse voices are influential in conversations with the EU institutions, international organisations and stakeholders.



Unlock the story of
our collaborations:
Step inside
#ERTICOPartnership

Our Partners

Joining the Partnership

Acting as a collaborative platform, the Partnership drives dialogue, coordination, and innovation across the ITS ecosystem, working closely with European institutions and decision-makers to shape the transport agenda.

Through these ambitions, our Partners play a key role in influencing strategy, advancing knowledge, and co-developing solutions that address Europe's mobility challenges while promoting safer, smarter, and more sustainable transport systems worldwide.

Our activities include:

- Advocacy and awareness-raising
- EU-supported projects
- Implementing co-funded projects and Innovation Platforms
- Targeted training, matchmaking, and technology initiatives to drive strategy development, including the ERTICO Academy and ERTICO City Moonshot
- Sharing policy and market insights through events and networking opportunities, such as ITS European and World Congresses, and webinar series
- Outreach to Partners and stakeholders during events and workshops, including Focus-On events, Think Tank sessions, deep-dives, and podcasts

Connecting Sectors

ERTICO brings together its Partner sectors to help make mobility safer, more sustainable, and efficient. To facilitate engagement, we organise sector and cross-sector meetings.

Sector meetings enable collaboration, networking and innovation among sectors while cross-sector meetings target two specific sectors to foster dialogue across the ecosystem. Both meetings are attended by representatives from the European Commission, creating an opportunity for ERTICO Partners to maintain contacts with EU institutions and policy developments.

In 2025, ERTICO organised three cross-sector meetings in Brussels, bringing together representatives from all eight sectors: Service Providers with Connectivity Industry, and Users sectors; Public Authorities with Traffic & Transport sectors; and Vehicle Manufacturers with Suppliers. Each meeting was attended by representatives of the European Commission, ensuring strong alignment with EU policy priorities.

Governance Bodies

By anticipating new technologies and sharing best practices, ERTICO ensures that the conversations focuses on current trends and forward-looking aspirations. By creating these forum of dialogues with the members of the Supervisory Board and Strategy Committee, we aim to exchange expertise and address shared challenges to achieve our mission through:

- Connecting local and regional transport organisations with national authorities
- Promoting active and sustainable collaborative relations with EU institutions and policymakers
- Supporting the deployment of interoperable mobility solutions
- Contributing to standards for applications and services, and steering standards towards global harmonisation, including the International Organisation for Standardisation (ISO), European Telecommunications Standards Institute (ETSI), and European Committee for Standardisation (CEN)

This collaborative spirit was strengthened through the **35th General Assembly**, held in conjunction with the first edition of the Annual Partnership Forum, providing a dynamic platform for discussion and strategic alignment. The Supervisory Board also held two off-site meetings: the first in Birmingham, hosted by Chris Lane at Transport for West Midlands, and the second in Toulouse, hosted by Dr Thorsten Burger at Aumovio. These gatherings reflect the active nature of the Partnership and our shared commitment to advancing innovation in mobility.

ERTICO also organised several **Deep Dives** on key strategic themes under the Strategy Committee. This year's sessions explored Safety based on ADAS and Connectivity, Multimodal Mobility Management, European Mobility Data Spaces (EMDS), and AI in Transport and Mobility. These exchanges brought together Partners, industry leaders, and policymakers to share insights and align on emerging priorities. They were also instrumental in business development, helping Partners identify new opportunities, strengthen cooperation, and shape the future direction of innovation.



As Groupe ACTIA, a key player in ITS systems, joining ERTICO marks a crucial step in strengthening our innovation strategy. ERTICO provides us with a unique platform to validate technological choices, engage with industry leaders, and accelerate the deployment of intelligent transport solutions. This collaboration enhances our ability to anticipate sustainable mobility trends while solidifying our position with major manufacturers and operators. ERTICO is a true catalyst for realising our roadmap towards more connected, safe, and efficient transportation.

David Elizalde
CIO,
ACTIA Group



Qualcomm Technologies, Inc. is proud to collaborate within the ERTICO Partnership to advance intelligent transport systems across the world. In 2025, our joint efforts have accelerated innovation in V2X, ADAS/AD, CCAM, and AI-powered mobility. Through shared research, strategic events, and cross-industry collaboration, we've helped shape the future of software-defined vehicles and connected mobility. ERTICO's commitment to driving sustainable, safe, and inclusive solutions aligns with our vision, and we look forward to deepening our engagement to unlock new possibilities for connected, autonomous, and intelligent transportation.

Dr Ralf Weber
Director of Qualcomm Standards and
Industry Organisations (QSIO)

Partnership Events

ERTICO's Partnership Events are designed to foster dialogue, collaboration, and knowledge exchange among mobility stakeholders.

The series of **Focus On events** serves as dynamic forums that deepen understanding of current and emerging developments. Each edition features expert panel discussions, interactive exchanges, and showcases of ERTICO-led platforms and initiatives.

The April 2025 edition, dedicated to transport digitalisation, titled 'Data and AI for safe and resilient ITS', highlighted cutting-edge innovations, challenges, and opportunities for data-driven and connected mobility. The discussion underlined the importance of collaboration across sectors to enable digital transformation that supports sustainability and efficiency. The December edition continued this dialogue, focusing on 'Boosting ITS deployment for the European transport network' and how local authorities and regional ecosystems can accelerate the transition towards smarter, greener, and more connected mobility in Europe.

Complementing these events, the **Annual Partnership Forum**, and the **Activity Development Days** (ADDs), convened over 100 participants for two days of strategic discussions and networking. While the Forum provided a platform to exchange ideas, align on shared goals, and explore new opportunities for cooperation, the ADDs focused on translating strategic ambitions into practical roadmaps, preparing the Partnership for the next cycle of European mobility innovation, aligning efforts with EU policy and funding opportunities.

ERTICO Partners are also actively contribute to the success of the annual **ITS Congresses**. Through organised Partner tours of the exhibition, and live demonstrations, ERTICO promotes their visibility and facilitates engagement with the broader mobility community of industry leaders and public authorities.



Throughout history, the City of Istanbul has been a bridge between continents, cultures, and ideas. Guided by the Smart City Strategy Plan, SUMP, and Vision 2050 goals, Istanbul is building a greener, smarter, and more livable city. By combining mobility leadership with strong diplomacy, the city plays a central role in global engagement. This year, participation in ERTICO strengthens our collaborations. In line with ERTICO's leadership, we aim to drive innovation and support cleaner, smarter mobility in our cities. Looking ahead to 2026, as host of the 17th ITS European Congress, Istanbul will once again connect ideas to drive global progress in smart mobility - a role we proudly embrace.

Damla Silahsizoğlu

International Projects Manager,
Istanbul Metropolitan Municipality

Outreach Initiatives

ERTICO's outreach activities are designed to further amplify the visibility of our Partners and showcase their achievements. Through a combination of digital communication channels and tailored storytelling, we help our Partners share their innovations, successes, and impact across Europe and beyond.

The **ERTICO website** features regular updates with thought leadership articles, project highlights, interviews, and event announcements. These stories are shared through the **ERTICO newsletter**, which reaches over 7,000 subscribers, offering Partners a platform to enhance their visibility.

In 2025, ERTICO accelerated its communications initiatives to highlight its Partners' contributions and strengthen their engagements. The 'Partner in the Spotlight' interview series presented the achievements and innovations of our Partners' roles in mobility and transport, as well as their strategic goals. This year, we featured **Cycling Industries Europe, BE-MOBILE, DEKRA, Miovision, and LNDS**.

ERTICO also launched a new #PartnershipVoices campaign featuring video testimonials with Partners' perspectives on collaboration, innovation, and the value of being part of our community. **Arriva, Pionira, Brisa, and Transport for West Midlands** were the first Partners featured in this new initiative.

Partnership Opportunities

ERTICO is open to all public and private organisations active in, or interested in developing and implementing ITS and smart mobility solutions.

We offer two levels of participation: ERTICO Partner and ERTICO Premium Partner.

ERTICO Partners gain access to the full range of networking opportunities, increasing their visibility within an engaged mobility community, while fostering greater international cooperation. Partners become part of a shared vision and a collective effort alongside other ITS pioneers worldwide.

ERTICO Premium Partners enjoy all the benefits mentioned above, with the added advantage of participating directly in proposal development processes and accessing intellectual property and financial benefits arising from innovative ITS projects. Premium Partners are also actively involved at the highest level of the ITS World and European Congresses.

What we offer

	Premium	Partner
Access to ERTICO proposal building (maximum three per year)	✓	
Invitation to ERTICO Activity Development Days	✓	
High-level speaking opportunities at ERTICO events	✓	
Access to market insights	✓	✓
ITS Congress: one free ticket, VIP access, discount on exhibition spaces	✓	✓
Networking possibilities with other ITS stakeholders	✓	✓
50% discount for the yearly membership for ERTICO Innovation Platforms*	✓	✓
Staying up to date on evolving EU policies, own sector evolutions and evolutions in other ERTICO sectors	✓	✓
Knowledge sharing through the ERTICO Academy and discounted training	✓	✓
Access to activities of the ERTICO Strategy Committee and its Working Groups	✓	✓
Eligibility to the membership of the ERTICO Supervisory Board, subject to voting (seats allotted per sector) **	✓	✓
Marketing opportunities through ERTICO communication channels	✓	✓
Outreach to potential business Partners and public authorities	✓	✓
Stakeholder engagement across eight sectors	✓	✓
International cooperation with the ITS organisations worldwide	✓	✓

* The discount applies to a maximum of three platforms per year, and its total amount cannot exceed the yearly ERTICO membership fee

** Only for shareholders

3 WHAT WE DO

Driving innovation and advancing towards deployment is at the heart of what we do.

In 2025, ERTICO continued to coordinate and support projects funded by the EU, and national authorities. These projects aim to make mobility across Europe smarter, safer, and cleaner.

40

European
projects

5

Concluding
projects

10

New
projects

Our collective efforts are closely aligned with the EU's overarching policy goals, including the European Green Deal, Vision Zero, and the Sustainable and Smart Mobility Strategy, ensuring that ERTICO's activities directly contribute to a more sustainable and connected transport ecosystem.

Beyond EU-funded initiatives, ERTICO's work extends to Innovation Platforms, Mobility Data Spaces, and other multi-stakeholder activities supported solely by industry and/or public authorities. These initiatives unite both members and non-members of the ERTICO Partnership, fostering collaboration and co-creation across sectors to drive forward solutions for the future of mobility. Our commitment is further reflected in horizontal initiatives such as the City Moonshot, the ERTICO Academy, and other thought leadership activities.

Together with our Partners, we are proud to present an overview of ERTICO's projects and Innovation Platforms for the year 2025, each contributing to our shared mission of turning innovation into tangible deployment for a smarter, cleaner, and safer mobility future.

10

Innovation
Platforms
& Mobility
Data Spaces



NEW EU-Funded Projects



Connected and Adaptive Maintenance for Safer Urban and Secondary Roads

CAMBER advances road safety by integrating real-time data into maintenance systems and demonstrating low-cost, effective interventions across urban and rural roads. The project establishes digital connections, safety performance criteria, and data-driven maintenance tools, providing road managers with guidance, cost-benefit insights, and digital twin roadmaps for safer, smarter infrastructure management.

Achievements

CAMBER is making steady progress towards improving road safety and maintenance on Europe's urban and secondary roads. The consortium has developed key deliverables, including the Data, Ethics, and Risk Management Plans. It has also established its methodological framework and launched data collection activities in Croatia using AIT's advanced RoadLab and MoProVe systems. These efforts underpin the creation of digital twins to simulate road conditions and support smarter maintenance planning.

Start: 1 January 2025
End: 21 December 2025
Coordinator: EURORAP
Partners: 14

ERTICO Partners: Be-Mobile, ICCS



Funded by the European Union



Follow the journey



camber-project



Connected, Cooperative and Automated MoBility Assessment & Stakeholder Dedicated and Operational awareness Raising

CCAMBassador complements the coordination and alignment efforts of the CCAM Partnership, broadening stakeholder engagement beyond R&I communities. It supports faster transitions from innovation to real-world operations by identifying the key deployment building blocks, fostering collaboration across EU Member States and Associated Countries. The project also strengthens, and helps ensure the wide use, both the CCAM Knowledge Base and the European Common Evaluation Methodology for CCAM (EU-CEM).

Achievements

The project has organised the first Methodology Clinic for EU-CEM users, which will be held four times a year to support the use of the methodology by anyone planning, conducting, coordinating or funding impact assessment of CCAM. The first stakeholder workshops have been held to capture the needs of cities and regions and to identify priority use cases, realistic pathways, and the conditions needed for large-scale implementation. Meanwhile, the date and location for the 2026 EUCAD Symposium have been confirmed: 9-10 September 2026 in Geneva, Switzerland. Relevant materials are collected for analysing CCAM awareness and readiness levels among citizens and implementers, including public authorities and operators.

Start: 1 June 2025
End: 31 May 2028
Coordinator: ERTICO - ITS Europe
Partners: 20 + 2 Associate

ERTICO Partners: AustriaTech, Czech Republic Ministry of Transport, ICCS, TNO, VEDECOM, VTT



Funded by the European Union



Follow the journey



connected-automated-driving-in-europe

NEW EU-Funded Projects



CERTAIN

Resilient and Continuous Safety Assurance Methodology for CCAM and its HMI Components

CERTAIN develops a human-centric, lifecycle safety assurance framework for Connected, Cooperative, and Automated Mobility (CCAM). By integrating AI-based validation, HMI & V2X testing, and continuous monitoring, the project ensures safety, trust, acceptance, and comfort across vehicle types and levels of automation.

Achievements

CERTAIN has focused on collecting real-world experiences and technical requirements from a diverse range of CCAM stakeholders. This ensures that the development of a human-centred safety assurance framework effectively addresses the complexities of regulation, standardisation, and industry needs. By engaging stakeholders early, the project aims to identify key safety challenges, operational constraints, and user expectations that could influence CCAM system design and implementation. These insights will be systematically analysed and used to adapt and refine the framework. Its participatory approach continues to enhance the relevance of the safety assurance framework while fostering trust and collaboration among stakeholders to pave the way for safer and more reliable automated mobility solutions.

Start: 1 June 2025
End: 5 May 2028
Coordinator: IDIADA
Partners: 25

ERTICO Partners: ICCS, Vicomtech, TNO



Funded by the European Union



Follow the journey



certain-project-ccam



Coordination of Heterogeneous Actors in Mixed Traffic within CCAM

CHORUS develops a unified orchestration framework to advance Connected, Cooperative, and Automated Mobility (CCAM). It integrates various transport modes, from AVs to cycling, using AI-driven traffic management for secure, real-time data exchange. The goal is to enhance road safety, efficiency, and sustainability in cities while improving user experience through personalised mobility updates. This supports cities in reducing congestion and meeting climate goals.

Achievements

CHORUS has successfully established the foundations needed for smooth execution, aiming to address the complexities associated with road safety and efficiency in the transport system. Core governance structures are in place, including internal coordination processes, a dissemination and communication strategy, and a data-management framework. Alignment among partners for the seven European demonstration sites has also begun, with local partners defining use cases, operational needs, and data flows. These early achievements will ensure that the project is well-positioned to progress towards developing and testing its CCAM orchestration framework in the next stages.

Start: 1 July 2025
End: 31 December 2028
Coordinator: ICCS
Partners: 36

ERTICO Partners: Aimsun, CERTH, Oxfordshire County Council, SWARCO, Trikala, TTS Italia, VEDECOM and Vicomtech



Co-funded by the European Union



Follow the journey



chorus-eu-project
chorus_horizon

NEW EU-Funded Projects



Federation of network optimisation services, simulation foresights, and data alchemy for adaptable, agile, secure, and resilient multimodal traffic management

Start: 1 June 2025
End: 31 May 2028
Coordinator: ERTICO - ITS Europe
Partners: 16

ERTICO Partners:



Follow the journey

fedora-eu-project



Funded by the European Union



NEW EU-Funded Projects



Shielding Europe's Mobility - Smart, Safe, Sustainable

Achievements

SCUDO is identifying and classifying scenarios of disruptive changes by assessing their impact on different socio-economic groups to improve the monitoring of disruptions and the quantification of uncertainties. The project is also developing methods for designing and managing transport systems based on the Safe System Approach, helping to enhance the resilience and safety of transport systems. In addition, SCUDO will establish a Pan-European platform that integrates digital solutions and data to support a comprehensive evaluation of the impact of different types of disruptions across geographical areas and user groups.

Start: 1 May 2025
End: 30 April 2028
Coordinator: ERTICO - ITS Europe
Partners: 13

ERTICO Partners: Rijkswaterstaat - Ministry of Infrastructure and Water Management (Netherlands)



Funded by the European Union



Follow the journey

scudo-project



Powering the Future of Resilient Passenger and Freight Electric Transport

MACBETH develops and demonstrates a multipoint megawatt charging system that enables fast, efficient, and interoperable charging for battery-electric trucks across Europe. By connecting logistics hubs, energy providers, and infrastructure operators, the project accelerates the large-scale deployment of high-power charging solutions and supports the decarbonisation of long-haul freight transport.

Achievements

Since its launch, MACBETH has advanced the design and interoperability of megawatt charging systems for heavy-duty vehicles. The project is developing a modular charging concept applicable to diverse logistics environments and aligning it with European standards. MACBETH has participated in industry-relevant events to foster collaboration with key industrial stakeholders. By addressing both technical and operational barriers, the project contributes to a harmonised MCS rollout, enabling efficient cross-border freight operations. MACBETH sets the stage for a new era of high-power electric mobility, strengthening Europe's leadership in sustainable transport infrastructure.

Start: 1 February 2025
End: 31 January 2029
Coordinator: VTT
Partners: 19

ERTICO Partners: VTT



Follow the journey

macbeth-project



Co-funded by the European Union

Smart digital solutions for multimodal, accessible, resilient, user-centric urban infrastructure

SMARTIN aims to transform how transport infrastructure is managed and maintained across Europe. By combining digitalisation, data analytics and artificial intelligence, the project is developing innovative tools to improve safety, efficiency, and sustainability across transport systems. Through real-life demonstrations in four European pilot sites (Barcelona, Turin, Latvia, Budapest), SMARTIN contributes to making mobility smarter, greener and more resilient, supporting the EU's climate and digital transition goals.

Achievements

Since its launch, SMARTIN has established a strong foundation for collaboration and technical progress. The project partners have defined the main activities of the four pilot sites and identified the resources needed to ensure their success. Work package teams have also started addressing key technical challenges, assessing potential risks and mitigation measures, and outlining a preliminary SWOT analysis to guide implementation. In parallel, initial data collection, stakeholder mapping, and communication activities are underway, ensuring a coordinated approach to the next phase of research and development.

Start: 1 July 2025
End: 30 June 2028
Coordinator: ERTICO - ITS Europe
Partners: 17

ERTICO Partners: CERTH, LINKS Foundation



Co-funded by the European Union



Follow the journey

smartin-heproject

NEW EU-Funded Projects



Traffic management Information Services upGRADE Europe

TISGRADE aims to enhance Europe's Real-Time Traffic Information (RTTI) by digitising traffic management data, improving data quality validation and upgrading National Access Points (NAPs). By promoting large-scale adoption of standards such as DATEX II and TN-ITS, the project will enable consistent, reliable and easily accessible traffic information for navigation services and mobility applications across Europe.

Achievements

TISGRADE will deliver major improvements to Europe's RTTI data value chain by deploying tools to digitise Traffic Circulation Plans and Temporary Traffic Management Measures, strengthening validation processes for static and dynamic data, and upgrading NAPs to ensure interoperability and usability. A continuous public-private feedback loop will further enhance data quality. Through the TN-ITS platform, ERTICO will lead the deployment of authoritative speed limit data, support Member States in adopting harmonised data exchange workflows and ensure alignment with NAPCORE and EU regulations. These advances will improve safety, reduce congestion and enhance the reliability of digital traffic services across Europe.

Start: 1 November 2025
End: 31 December 2028
Coordinator: Dutch National Road Traffic Data Portal (NDW)
Partners: 54
ERTICO Partners: Rijkswaterstaat - Ministry of Infrastructure and Water Management (Netherlands), Dirección General de Tráfico (DGT), Ministry of Infrastructure (Slovenia), Be-Mobile, Swedish Transport Administration, Federal Ministry of Transport (Germany)



Co-funded by the European Union



Follow the journey



Sustainable and resilient Cloud-Edge-IoT ecosystem for a cleaner energy future

O-CEI (Open CloudEdgeIoT Platform Uptake in Large Scale Cross-Domain Pilots) aims to speed up the adoption and scaling of Cloud-Edge-IoT solutions. By enhancing Europe's competitiveness and strategic autonomy, the project promotes energy efficiency and open standards in the transport and logistics domains.

Achievements

Since its launch in January 2025, O-CEI has accelerated the uptake and upscaling of innovative Cloud-Edge-IoT solutions, contributing to the strengthening of Europe's competitiveness and open strategic autonomy in mobility, transport, logistics, and energy. One of the key approaches proposed in O-CEI is to integrate the SDV solution for CCAM into the future O-CEI platform. By promoting cross-domain data sharing, minimising the energy footprint, and stimulating multisided marketplaces, O-CEI facilitates open standards for virtualisation and interoperability.

Start: 1 January 2025
End: 30 June 2028
Coordinator: Polytechnic University of Valencia
Partners: 58
ERTICO Partners: Aumovio, CERTH



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ONGOING EU-Funded Projects



3DxVERSE

Harnessing Digital Twins for Sustainable Communities and Economies

3DxVERSE aims to integrate innovative technologies such as AI, XR/VR, and digital twins to enhance operational efficiency, citizen engagement, and training to support the European Green Deal and Digital Europe goals.

Achievements

For more than a year, the project has worked to revolutionise urban mobility, airports, ports, and living areas with sustainable, smart, and eco-friendly solutions. Through its alignment with the European Commission's vision for digital transformation and sustainable urban development, the project continues to facilitate the development of 3D digital twins, open-source innovation, and collaboration across the global community.

Start: 1 December 2024
End: 31 May 2027
Coordinator: ERTICO - ITS Europe
Partners: 10
ERTICO Partners: Aumovio



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Cocreate, Embrace

CulturalRoad develops innovative methodologies to foster the equitable implementation of CCAM services by incorporating cultural and geographical diversity into CCAM deployment planning. The project is creating a unique Five-Pointed Star Rating system to measure equity and diversity based on five pillars, and involves local stakeholders and communities to create tailored CCAM deployment strategies that meet their specific needs.

Achievements

In 2025, the project finalised its work on its co-creation methodology, including data requirements and target groups definition. The first participatory activities started in the demonstration sites, with workshops and interviews being carried out with various stakeholders, including citizens. The insights gathered will directly feed into the upcoming focus group phase. The methodologies and key performance indicators (KPIs) for the Five-Pointed Star Rating System were also refined. The aim is to generate an equity score, based on the five pillars of inclusivity, acceptance, safety, network optimisation, and psychological factors.

Start: 1 May 2024
End: 30 April 2027
Coordinator: ERTICO - ITS Europe
Partners: 18
ERTICO Partners: Arriva, Technical University of Denmark (DTU), Department for Transport UK (DfT), Oxfordshire City Council, Transport for West Midlands (TfWM)



Funded by the European Union



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ONGOING EU-Funded Projects



Towards a common European mobility data space (EMDS)

deployEMDS aims to support the European Union's digital sovereignty, notably by reinforcing critical digital capacities through data infrastructure, governance, and processing. Building on the work done by the preparatory action PrepDSpace4Mobility, the primary objective is to deploy an operational data space and common governance mechanisms. This data space will facilitate decentralised, trusted and secure data sharing. deployEMDS will actively support real-life implementation projects in nine cities and regions.

Achievements

The deployEMDS project has strengthened stakeholder collaboration through the activation of key initiatives: the Innovation & Scaling Group (ISG), the Network of Follower Cities (NFC), and a dedicated training programme. These initiatives are creating strong partnerships among industry players, SMEs, startup hubs, municipalities, and regional stakeholders. The project's activities in industry-relevant events have further strengthened these connections. Additionally, deployEMDS has continued to gather and analyse requirements for the technical infrastructure supporting the deployment of a cross-border operational data space, specifying data space architecture and building blocks, making the first technical deliverables public for all. Work also advanced in mapping governance and regulatory structures for mobility data sharing.

Start:
End:
Coordinator:
Partners:

ERTICO Partners:
Cefriel, City of Tampere, Vlaamse Overheid, VTT



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1 November 2023
31 October 2026
acatech
39

ERTICO Partners:
Cefriel, City of Tampere, Vlaamse Overheid, VTT



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European Bus Rapid Transit of 2030: electrified, automated, connected

eBRT2030 defines a new European concept of electric Bus Rapid Transit (BRT) for 2030 that will improve the performance of Europe's entire urban bus system. The project will create a new generation of advanced fully electric, urban and peri-urban eBRT, enhanced with novel automation and connectivity functionalities to support sustainable urban transport and reduce emissions, pollutants and congestion. The innovative solutions developed as part of the project will be tested at seven demonstration sites in Europe and Latin America.

Achievements

In 2025, the project continued to drive innovation in electric Bus Rapid Transit (eBRT) through ongoing demonstrations and strong progress in innovation implementation across pilot sites. The consortium is working on the development of technology and market-based roadmaps to define the future needs of urban and peri-urban eBRT systems. It has also produced a feasibility study for follower and twinning cities to support the deployment of future eBRT systems. eBRT2030 also strengthened its visibility at major events, such as the ITS European Congress in Seville, showcasing its contributions to zero-emission and efficient public transport.

Start:
End:
Coordinator:
Partners:

ERTICO Partners:
Arriva, CERTH, ICCS, VTT



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1 January 2023
31 December 2026
UITP
9

ERTICO Partners:
Arriva, CERTH, ICCS, VTT



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ONGOING EU-Funded Projects



Evaluation and validation of connected mobility in real open systems beyond 5G

ENVELOPE advances the 5G-Advanced architecture by adapting it to the specific needs of Connected and Automated Mobility (CAM). Through large-scale trial sites in Greece, Italy, and the Netherlands, the project addresses both business and technical limitations of current systems to enhance network performance, reliability, and connectivity for critical ITS applications.

Achievements

In 2025, the project launched its first Open Call, inviting SMEs, research institutes and universities to develop and test vertical services on the project's large-scale trial sites, fostering innovation and cross-vertical adoption of its open 5G-Advanced architecture. It also showcased major technical achievements at leading events such as the ITS European Congress, EuCNC & 6G Summit and DATAMITE Meet-Up, presenting live demonstrations and papers on edge computing, multi-connectivity and network exposure. In parallel, the project consortium partners contributed to the SNS JU white paper on 6G KPIs, reinforcing its role in shaping Europe's next-generation connectivity and intelligent mobility ecosystem.

Start:
End:
Coordinator:
Partners:

ERTICO Partners:
ICCS, LINKS Foundation, TNO, Vicomtech



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1 January 2024
31 December 2026
ICCS
23

ERTICO Partners:
ICCS, LINKS Foundation, TNO, Vicomtech



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Evolutionary Solutions for Realising a Holistic Safe System Approach for All Road Users

EvoRoads is developing a safety assessment framework, cyber-physical Digital Twin, Advanced Monitoring Safety Systems, Proactive Safety Warning Systems, and a Safe Mobility Data Space combining all project solutions. This framework enables dynamic monitoring of urban and rural road infrastructure safety and condition. The project results are validated in four Living Labs across Spain, Italy, Romania, and Latvia.

Achievements

EvoRoads is developing a safety assessment framework, cyber-physical Digital Twin, Advanced Monitoring Safety Systems, Proactive Safety Warning Systems, and a Safe Mobility Data Space combining all project solutions. This framework enables dynamic monitoring of urban and rural road infrastructure safety and condition. The project results are validated in four Living Labs across Spain, Italy, Romania, and Latvia.

Start:
End:
Coordinator:
Partners:

ERTICO Partners:



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1 May 2024
30 April 2027
ERTICO - ITS Europe
20

ERTICO Partners:
BEIA Consult International, CEA, CEFRIEL, CTAG, Technical University of Denmark (DTU), INDRA, LINKS Foundation



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ONGOING EU-Funded Projects

ePowerMove

Smart, scalable and sustainable EV charging for a greener future

Start: 1 December 2025
End: 31 May 2028
Coordinator: ERTICO - ITS Europe
Partners: 17

AustriaTech, E-Mobility Europe, University of Leeds, University of Cyprus - KIOS Centre of Excellence, VTT

 **Funded by the European Union**

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FRODDO

Federated Cyber-Physical Infrastructure for ODD Continuity

Start: 1 June 2024
End: 31 May 2027
Coordinator: ERTICO - ITS Europe
Partners: 18

ERTICO Partners: City of Tampere, TOFAS



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 [froddo-eu-project](#)

ONGOING EU-Funded Projects

inclusive spaces

Designs, Tools & Frameworks for Creating an Accessible & Inclusive Built Environment for All, for Now & for the Future

Start: 1 May 2024
End: 30 April 2027
Coordinator: CambiaMO
Partners: 17

ERTICO Partners: City of Hamburg, SWARCO



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 [inclusivespacesproject](#)

JULIA

Joint Developments for Urban resilience connecting users to public transport through space technology

Start: 1 January 2024
End: 30 November 2026
Coordinator: FACTUAL Consulting
Partners: 13

ERTICO Partners: Arriva, CERTH



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 [JULIA](#)

ONGOING EU-Funded Projects



Accelerating Smart and Shared Zero Emission Mobility

metaCCAZE aims to speed up deployment of smart systems that combine electric, automated and connected mobility, as well as related infrastructures with innovative mobility services adapted to current and evolving sustainable urban mobility needs. The objective is to develop a flexibly adapted, resilient and transferable technologies and infuse them with user-centric approaches to zero emission shared mobility services. These innovations will be tested, deployed and monitored in 10 Mission Cities in Europe.

Achievements

In 2025, metaCCAZE moved from planning to deployment across ten Mission Cities. The project launched its first year-long demonstrations of zero-emission shared mobility services in Limassol (200+ e-bikes and 5+ on-demand minibuses for children) and Munich (dynamic curb-side management for ride-hailing, and city's largest micro mobility logistics hub). Cross-city co-creation workshops helped align governance and business models ahead of rollout. Meanwhile, six Follower Cities began adapting the metaCCAZE toolkit's AI, automation vehicles, and electrification modules. These achievements lay the groundwork for replication, upscaling, and the acceleration of zero-emission mobility in ten Observer Cities and across Europe.

Start: 1 January 2024
End: 31 December 2027
Coordinator: ERTICO - ITS Europe
Partners: 44

ERTICO Partners: City of Tampere, Technolution, VEDECOM



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metaccaze-project



@metaccaze

ONGOING EU-Funded Projects



Next-gen technologies for enhanced metro operations

NEXUS envisions a future where technology enhances operations responsibly and sustainably. Through optimisation, analysis, energy and service efficiency, NEXUS will pioneer innovative solutions for urban and metro transport, weaving a narrative where metros become living, adaptable entities. The participation of stakeholders such as metro operators and passenger representatives will expand the project's results.

Achievements

During more than one year of implementation, NEXUS progressed from foundational work to concrete developments, strengthening coordination, technical design, and stakeholder collaboration. Building on the early surveys, the project consolidated user, operator, and system requirements and fed them into advanced transport modelling, AI applications, and future control-system concepts. Significant effort went into developing realistic simulation tools and preparing the validation roadmap to ensure alignment with real operational scenarios. Continuous engagement with metro operators, passengers, and expert stakeholders guided priorities, helping ensure relevance and future uptake. Overall, NEXUS achieved steady, well-coordinated progress and is strongly positioned for the next phase.

Start: 1 October 2024
End: 30 September 2026
Coordinator: Stamtech S.R.L.
Partners: 13



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nexus-heproject



The world's largest cooperation of mobility data platforms

NAPCORE is the European coordination mechanism improving interoperability among National Access Points (NAPs) established under the ITS Directive. Co-funded by the Connecting Europe Facility, it harmonises data standards and access procedures, strengthens cooperation between Member States, and supports the creation of a unified European mobility data space enabling seamless, data-driven transport services.

Achievements

Since July 2025, NAPCORE has continued its successful work, ensuring the long-term coordination of NAPs across Europe. Building on the achievements of the previous phase, such as harmonising data standards like TN-ITS, DATEX II and DATA4PT, and establishing a solid governance framework, the project now focuses on maintaining and expanding this foundation. The new phase will further enhance interoperability, stakeholder collaboration and the alignment of mobility data initiatives, consolidating NAPCORE's role as a key enabler of the European mobility data space.

Start: 1 April 2021 - renewed 1 July 2025
End: 31 December 2027
Coordinator: BAST
Partners: 59 + 18 Associated Partners
ERTICO Partners: Finnish Transport and Communications Agency Traficom, French Ministry of Ecological Transition, Energy, Climate and Risk Prevention, Irish Department of Transport, Italian Ministry of Infrastructure and Transport, Rijkswaterstaat - Ministry of Infrastructure and Water Management (Netherlands), Instituto da Mobilidade e dos Transportes (IMT), Ministry of Transport of the Slovak Republic, Ministry of Infrastructure of Slovenia, Directorate-General for Traffic (DGT), Swedish Transport Administration (Trafikverket), Vlaamse Overheid



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napcore



Improving the resilience of Inland WaterWays (IWW) against climate change

PLATO aims to enhance the resilience of Inland WaterWays (IWW) ensuring network reliability even in the case of extreme weather, accidents, or other hazards. By applying downscaled climate change scenarios, simulation tools, and actual data to IWW, PLATO seeks to provide relevant authorities with an integrated platform to support more effective operational and strategic infrastructure management. PLATO is validating its solutions in three pilot locations.

Achievements

In recent months, PLATO has intensified its research output, generating several academic papers and conference presentations, while also participating in several high-level events such as the ITS World Congress in Dubai and TRA2024. Additionally, PLATO has signed the EU Mission: Restore our Ocean charter strengthening its commitment to resilient waters. Currently, the consortium is working towards the delivery of the first integrated version of the PLATO system.

Start: 1 September 2022
End: 28 February 2026
Coordinator: NetCompany-Intrasoft
Partners: 20



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plotoproject

ONGOING EU-Funded Projects



Rethinking the dEsign of streets And pubLic spaces to Leverage the mOdal shift to Climate-friendly Active Transport Everywhere

REALLOCATE aims to create climate-neutral, safe, and inclusive European cities through innovative, sustainable mobility solutions. Supporting ten Mission Cities, it fosters local innovation ecosystems to develop zero-emission, shared, and people-centred transport. The project, part of the CIVITAS Initiative, promotes fairer street use and community-focused urban mobility.

Achievements

In 2025, REALLOCATE co-organised a webinar on 'Streets for All: Mobility-as-a-Right & School Streets' with over 200 participants, addressing topics on mobility justice, accessibility for vulnerable groups, and school street initiatives. The project facilitated a successful twinning visit between Lyon and Warsaw, and celebrated its consortium member, Lyon Métropole who received the 2025 Road Safety Excellence Award in the 'Urban Road Safety' category. While strengthening its capacity-building and peer-learning framework with a baseline learning typology and self-assessment tools for cities, the project continued its work on KPI frameworks, dashboards, and data hubs to assess mobility, safety, and inclusivity across pilot sites. ERTICO has played a key role in leading the development of digital tools to support sustainable urban mobility.

Start:
End:
Coordinator:
Partners:

1 May 2023
30 April 2027
University College Dublin, National University of Ireland
37

ERTICO Partners:

CERTH, City of Tampere, DEKRA, VTT



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reallocate-project

STREnGth_M

Strengthening EU Road Transport R&I

Stimulating road Transport Research in Europe and around the Globe for sustainable Mobility

STREnGth_M contributes to the planning of Road Transport Research (RTR) in Europe by identifying future research needs, updating and supporting the coordination of Strategic Research Agenda roadmaps, and facilitating exchange between RTR-related Horizon Europe partnerships and platforms. This Coordination and Support Action also tracks global progress in e-mobility and measures the feasibility of innovative solutions for prospective and emerging markets in Africa, Asia and Latin America.

Achievements

In its final year, STREnGth_M has identified barriers for the deployment of RTR results, evaluated different roadmapping mechanisms for RTR, identified education and training actions, and identified future RTR priorities. It has supported the updating process of ERTRAC roadmaps in six thematic areas. It also supported the continuous exchange among Horizon Europe Partnerships and Platforms, as well as supporting events such as the annual Results from Road Transport Research (RTR) Conferences and the upcoming TRA 2026 in Budapest. ERTICO has established and coordinates a Multiplier Group of external experts to extend the reach of the project across the EU and to ensure stakeholder engagement. ERTICO will also host the STREnGth_M Final Event in Brussels on 29 January 2026.

Start:
End:
Coordinator:
Partners:
ERTICO Partners:

1 February 2023
31 January 2026
AVL List
24

Aristotle University of Thessaloniki



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ONGOING EU-Funded Projects



Seamless Shared Urban Mobility

As part of the CIVITAS Initiative and belonging to New Mobility Services (NMS) Cluster, SUM aims to transform existing transport networks by implementing novel shared mobility services (NSM) integrated with public transport. A total of nine Living Labs in Europe are piloting different use cases by implementing predefined push and pull measures. Aiming to reduce total door to door travel time and ideally shift user behaviour away from private vehicles and towards public transport, the project works on several solutions, including prediction, scheduling, integrated NSM and public transport ticketing, and real time NSM management.

Achievements

SUM advanced the integration of shared mobility with public transport across Europe during the year. At the ITS European Congress in Seville, the project showcased results from its Living Labs and innovations in electrification and data driven mobility planning. The consortium also published an academic article on dynamic trip planning. The first Water Metro Conference in Fredrikstad gathered partners to discuss the electrification of waterborne transport and its integration with other public transport modes. This year also marked the deployment of SUM solutions in cities, with notable milestones such as the launch of a MaaS app in Larnaca and progress in the Geneva Living Lab, which is shaping future mobility through real world testing and collaborative governance, with ten integrated hubs linking public transport, shared vehicles, and pedestrians.

Start:
End:
Coordinator:
Partners:
ERTICO Partners:

1 June 2023
31 May 2026
INRIA
30
Chalmers University, VEDECOM



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sum-project-horizon-europe



@SUMProjectHoEU



SYNERGIES

Real and synthetic scenarios generated for the development, training, virtual testing and validation of CCAM systems

SYNERGIES, short for 'Real and Synthetic Scenarios Generated for the Development, Training, Virtual Testing, and Validation of CCAM Systems', is a project dedicated to revolutionising Cooperative, Connected, and Automated Mobility (CCAM) development in Europe. Through the creation of a federated Scenario Dataspace and the integration of AI tools, the project accelerates deployment, enhances safety, and supports harmonised standards. It also promotes stakeholder collaboration to streamline development processes and drive the widespread adoption of automated driving technologies.

Achievements

SYNERGIES released the first version of its virtual platform for validating CCAM systems, providing a digital environment where stakeholders can simulate, test, and evaluate CCAM functionalities under diverse conditions. It supports interoperability, integrates data exchange protocols, and enables structured validation workflows, making it a valuable tool for both technical and operational assessments. The release represented a significant step toward harmonising validation approaches across Europe and fostering collaboration among industry, research, and public sector actors. By offering a flexible and scalable solution, it contributes to accelerating the deployment of safe and reliable CCAM technologies and supports the broader goal of transitioning innovative mobility solutions into real-world applications.

Start:
End:
Coordinator:
Partners:
ERTICO Partners:

1 June 2024
31 May 2027
Applus + IDIADA
28
Renault Group, Toyota



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synergies-ccam-project

ONGOING EU-Funded Projects



Frugal zero-emission vehicle concepts for the urban passenger challenge

Achievements

In its second year, ZEV-UP finalised its vehicle architecture and design, key milestones guiding the upcoming prototype phase. Partners made strong progress in developing and manufacturing core components, ensuring a smooth start to prototype assembly in 2026. The consortium also refined the vehicle demonstration plan, defining the use cases, test sites, and evaluation methods to validate the ZEV-UP design and innovations through demonstrations in real urban environments in Istanbul and Budapest, aimed at assessing performance, user experience, and overall acceptance of the vehicles.

Start: 1 January 2024
End: 30 June 2027
Coordinator: ERTICO - ITS Europe
Partners: 19

ERTICO Partners: Akkodis, BeeMobs, Ford Otosan, ICOOR, University of Leeds, Rhoé, VEDECOM, CERTH, E-Mobility Europe



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zev-up-project

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Framework for coordination of Automated Mobility in Europe

FAME supports the European Commission and CCAM Partnership in providing a long-term coordination framework for R&I and the large-scale evaluation of connected automated mobility in Europe. This involves establishing a stakeholder-validated framework for testing on public roads, including Test Data Space (TDS) and a Common Evaluation Methodology (CEM). While facilitating knowledge exchange to improve cooperation, consensus building and data sharing, the project consolidates the transferability, replicability and upscaling of knowledge for future research, development and testing of CCAM-enabled solutions.

Achievements

The European framework for CCAM testing on public roads was delivered, including the final version of the European Common Evaluation Methodology (EU-CEM) for the CCAM test data space environment. Implemented with a connector-as-a-service approach, it provides an ethics framework, taxonomy tool, an inventory of current legislation, approval processes and procedures, as well as recommendations for a European framework for testing on public roads. Other results include a policy brief with actionable recommendations to empower local authorities in advancing CCAM testing and enabling successful deployment in cities. These are available on the EU-wide Knowledge Base, and the CCAM toolkit inventory, as well as the materials from the 5th edition of the European Conference on Connected and Automated Driving (EUCAD 2025).

Start: 1 July 2022
End: 30 June 2025
Coordinator: ERTICO - ITS Europe
Partners: 23
ERTICO Partners: AustriaTech, Czech Republic Ministry of Transport, ICCS, PTV Group, Chalmers University, TNO, VEDECOM, Vicomtech, VTT, University of Leeds (UK)



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connected-automated-
driving-in-europe



@Europe_CAD



GUIDE
Supporting the Strategic Deployment Agendas for The EU Corridors

Supporting the Strategic Deployment Agendas for the EU Corridors

GUIDE brought together stakeholders from the ecosystem of the 5G Corridors across the EU to help them get the maximum value from the CEF Digital programme, ensuring that future CEF Digital work programmes progressively address the actual needs of the stakeholder communities. The project shared best practices from studies and deployment projects, and addressed common challenges such as local breakout. It also contributed to cross project performance evaluation, solution exchange, and progress monitoring to strengthen coherence across initiatives.

Achievements

During its final year, GUIDE supported the Connected and Automated Mobility (CAM) community by coordinating the development and evolution of the 5G Strategic Deployment Agenda (SDA). It helped shape future CEF2 project pipelines aligned with the SDA, while providing the organisational and operational structure needed to enable effective collaboration across the active CEF project community. During the year, GUIDE also showcased its work through dedicated sessions at the ITS European Congress 2025 and continued engagement through a series of online Working Group discussions.

Start: 1 January 2023
End: 30 June 2025
Coordinator: ERTICO - ITS Europe
Partners: 23



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guide5gcorridors



@EU_GUIDE

COMPLETED EU-Funded Projects



Re-shaping mobility for all: enhancing Integration and Interoperability of CCAM

Achievements

IN2CCAM sought to make urban transport safer, more sustainable, and inclusive by implementing and demonstrating CCAM services for vehicles, infrastructure, and users. For 36 months, its 21 partners from 10 countries tested solutions in four Lead Living Labs, including the cities of Tampere, Trikala, Turin, and Vigo as well as two Follower Labs in Bari and Quadrilatero.

Start: 1 November 2022
End: 31 October 2025
Coordinator: POLIBA
Partners: 21

ERTICO Partners:



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Akkodis, CEA, NEOGLS, ICCS, LINKS Foundation, Luxembourg Institute of Science & Technology (LIST), OKAN University, Vicomtech, City of Vigo, VTT



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Measuring the key performance indicators of the 2ZERO Partnership

LeMesurier supported the 2ZERO Partnership in assessing progress toward a carbon-neutral European road transport system by developing a framework to measure the impact of funded projects against the Partnership's Strategic Research and Innovation Agenda (SRIA).

Achievements

Over its two years, the project evaluated contributions from more than 30 Horizon Europe 2ZERO projects, collecting data across 22 Key Performance Indicators (KPIs), supported by surveys, in-depth interviews and detailed project case analyses. This work resulted in a comprehensive dataset and evidence-based assessment of 2ZERO's potential impact on sustainable road transport. The project also analysed interactions among KPIs, highlighting where synergies can be strengthened to maximise collective impact. The framework is designed to support more consistent, transparent and forward-looking evaluation methods for 2ZERO and future partnerships, supporting translations of research investments into measurable benefits for clean, efficient and accessible European mobility.

Start: 1 January 2024
End: 31 December 2025
Coordinator: E3Modelling + RICARDO
Partners: 14

ERTICO Partners:



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COMPLETED EU-Funded Projects



Efficient and affordable Zero Emission logistics through the NEXTgeneration of Electric TRUCKs

Achievements

NextETRUCK accelerated the electrification of medium-duty freight haulage to support zero-emission urban and suburban logistics. The project integrated e-powertrain technologies, smart charging infrastructure, digital tools, and novel business models, providing end-to-end solutions across vehicles, fleets, and infrastructure.

Achievements

Pilot demonstrations took place in Barcelona, North-West London, and Istanbul. The Barcelona pilot was operational, demonstrating fleet solutions under real-world urban conditions, supported by 50 kW chargers, with a new 180 kW charger planned to boost capacity. This trial showed positive results. The UK and Istanbul trial sites began their ramp-ups in November 2025 and the data will be collected and evaluated in April 2026.

Another major achievement this year was the launch of the KITE Tool, a free online platform helping fleet managers plan and operate battery-electric trucks efficiently, supporting wider zero-emission vehicle adoption and creating new business opportunities. NextETRUCK also fostered knowledge transfer through the ERTICO Academy, delivering training programmes to accelerate fleet electrification across Europe.

The project was part of the AEVETO Cluster, collaborating with sister EU initiatives to share insights, best practices, and accelerate large-scale deployment of zero-emission freight transport.

Start: 1 July 2022
End: 31 December 2025
Coordinator: TNO
Partners: 19
ERTICO Partners: TNO, CERTH, Ford Otosan



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Accelerating the implementation of CCAM technology

Achievements

PoDIUM identified and assessed connectivity and cooperation enablers and needs to advance key technologies in physical and digital infrastructure (PDI) and to achieve higher levels of automation in CCAM. The project demonstrated demanding CCAM use cases in three Living Labs through a multi connectivity approach and an interoperable and hybrid data management environment. PoDIUM delivered a high level reference architecture that could be applied to different road environments and infrastructure equipment.

Achievements

In 2025, PoDIUM carried out live demonstrations of its use cases in three Living Labs in Germany, Spain, and Italy, successfully showcasing how cutting edge PDI technologies, including multi connectivity, Multi Access Edge Computing (MEC), and real time digital twins, enable higher levels of automation and support safer roads. The project concluded with a final event held in Barcelona in November, highlighting the project's findings, achievements, and impacts, and featuring a public live demonstration of the Barcelona urban use case on emergency vehicle priority and vulnerable user protection.

Start: 1 October 2022
End: 31 December 2025
Coordinator: ICCS
Partners: 24

ERTICO Partners:



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Privacy-first Security Enablers for 6G Networks

6G will greatly expand the threat landscape introduced by 5G, requiring stronger and more privacy-preserving security. PRIVATEER aimed to develop “privacy-first” 6G security enablers that address emerging threats while safeguarding all stakeholders’ privacy, aligning with the EU 6G vision, GDPR, and ePrivacy regulation through a privacy-by-design approach.

Achievements

PRIVATEER paved the way for 6G “privacy-first security” by studying, designing, and developing innovative security enablers for 6G networks, following a privacy-by-design approach. While 5G has expanded network capabilities, it has also increased security risks. 6G will widen this threat landscape further due to heterogeneous radio, RAN virtualisation, multi-vendor environments, and AI-driven management, demanding more advanced and privacy-preserving security. Privacy is a core pillar of the EU 6G vision and must be ensured for all actors across decentralised, zero-trust 6G ecosystems. Security must therefore be effective yet non-intrusive. PRIVATEER’s mission was to enable “privacy-first security” for 6G by designing innovative, privacy-by-design security enablers aligned with GDPR, the ePrivacy regulation, and Europe’s privacy-driven 6G objectives.

Start: 1 January 2023
End: 31 December 2025
Coordinator: Space Hellas S.A.
Partners: 14

ERTICO Partners: ICCS



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privateer-6gsns



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Social INovation to FOster Inclusive cooperative, Connected and Automated Mobility

SINFONICA focused on the accessibility and inclusivity of CCAM solutions for public and shared transport. It developed innovative strategies, methodologies, and tools for socially innovative, citizen-oriented long-term planning in CCAM, with a particular focus on people with mobility challenges. The project worked with citizens across four Groups of Interest in Europe to develop inclusivity guidelines that take user needs and requirements into account and enhance the deployment of CCAM-based transport services in an inclusive and equitable way for all citizens.

Achievements

Concluded in August 2025, SINFONICA engaged over 1,000 participants in its four Groups of Interest and collected 4,500 survey responses to evaluate citizens’ mobility needs, particularly those of vulnerable groups. The project provided recommendations to guide policymakers and service providers in designing inclusive CCAM services, with ERTICO playing a key role in their development and communication in a series of 3 capacity-building webinars. SINFONICA also developed two practical tools, the Knowledge Map Explorer and the CCAM Designer, to support future deployment and help make mobility more socially inclusive.

Start: 1 September 2022
End: 31 August 2025
Coordinator: University of Modena and Reggio Emilia (UNIMORE)
Partners: 14

ERTICO Partners: Arriva, City of Hamburg, e-Trikala, IRT SystemX, ICOOR, ICCS, Provincie Noord Brabant, Transport for West Midlands, RE:Lab



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sinfonica-project



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COMPLETED EU-Funded Projects



Developing and providing a harmonised and scalable CCAM Safety Assurance Framework

SUNRISE (Safety assUraNce fRamework for connected, automated mobility SystEms) developed and demonstrated a validated, commonly accepted, and extensible Safety Assurance Framework for testing and safety validation of a wide range of CCAM systems. The project worked closely with all relevant CCAM stakeholders, including policymakers, regulators, consumer testing bodies, and user associations. Its long-term goal was to accelerate the safe deployment of innovative CCAM technologies and systems for passengers and goods by achieving a positive and demonstrable impact on safety.

Achievements

In 2025, SUNRISE delivered its landmark ‘SAF Interactive Handbook’, guiding industry and regulators through the harmonised safety-assurance framework for connected and automated mobility systems. During its Final Event, SUNRISE showcased the SAF and all its components, presenting results from real-world testing and validation. The project also ensured broad dissemination of all deliverables and scientific publications, fostering knowledge exchange within the CCAM community and paving the way for harmonised safety assessment practices in Europe. The SAF is now positioned to influence European regulation, standards and industry best-practice for CCAM deployment.

Start: 1 September 2022
End: 31 August 2025
Coordinator: IDIADA
Partners: 21 + 2 Associate

ERTICO Partners: Aumovio, Chalmers University, ICCS, Renault Group, Toyota Motor, TNO, VEDECOM, Vicomtech



Funded by the European Union



Follow the journey



ccam-sunrise-project



@CcamSunrise



Vehicles and VRU Virtual eValuation of Road Safety

An accepted and reliable method to compare safety measures for CCAM is required to set policies for road safety in the coming decades and push for Vision Zero. The V4SAFETY project provided a prospective framework for simulation-based safety assessment to determine the long-term performance and impact of road safety measures. From in-vehicle and infrastructure solutions to regulations that influence road user behaviour, the proposed method focused on the safety of all road users, including vulnerable road users and vehicle occupants.

Achievements

The final version of the V4SAFETY assessment framework was released. This included associated technical guidelines and recommendations regarding, such as baseline approaches, simulation structure and related modelling approaches, the selection, development and use of behaviour and in-crash (human body) models. The framework was applied and tested through 11 use cases. Other results include methods, associated guidelines and a cost-benefit analysis tool to project the simulation results in different time horizons and regions for use by policymakers, authorities, and consumer organisations to assess the performance and socio-economic impact of the introduction of safety measures.

Start: 1 October 2022
End: 30 September 2025
Coordinator: TNO
Partners: 17 + 14 Associate

ERTICO Partners: Chalmers University, RE:LAB, TNO, Toyota



Funded by the European Union



Follow the journey



V4SAFETY project

Innovation Platforms/Mobility Data Spaces



Advancing map-enhanced driver assistance systems leading to Automated Driving

The ADASIS association is responsible for the de facto global industry-standard interface that allows Advanced Driver Assistance Systems (ADAS) to access map and geo-referenced data ahead of the vehicle position, known as ADAS Horizon. ADASIS ensures alignment in regard to data requirements, standards and architecture for all stakeholders involved, while connecting with relevant projects and institutions at both national and international level.

Achievements

ADASIS specifications enabled new vehicle systems such as Predictive Powertrain Control, reducing fuel use and CO₂ emission by up to 8 percent. The ADAS Horizon provided a standard interface for ADAS and automated driving applications to access the in-vehicle map database. Using ADASISv3 will support automated driving by allowing high-definition maps of any type, covering long-range horizons without restrictions, and linking georeferenced objects such as sensor and real-time data to the ADAS Horizon. ADASIS participated in several international events, promoting its White Paper, further cementing its leadership role while continuing to coordinate the development and updating of its specifications. ADASISv2 is becoming increasingly relevant due to Intelligent Speed Assistance (ISA) regulation, as it covers the requirements and enables ISA implementation. ADASISv3 is already entering some markets, in particular for detailed lane information from HD maps. Ongoing work includes the creation of a starter kit for ADASISv3 and various outreach activities, such as webinars to present the specifications.

Start:

2002

Coordinator:

ERTICO - ITS Europe

Partners:

45

ERTICO Partners:

Aumovio, AWTCE (AISIN), CTAG, HERE Technologies, Honda, Huawei, Qualcomm, Renault Group, TomTom, Toyota



Follow
the journey



Public-private cooperation for a Safety-Related Traffic Information (SRTI) Ecosystem

Data for Road Safety (DFRS) is a pioneering initiative that improves road safety through public-private collaboration. The platform has created a Safety-Related Traffic Information (SRTI) ecosystem, enabling its members to share data for the safety warnings under the principle of reciprocity. National ministries and road authorities, vehicle manufacturers, associations and service providers work together to support the large scale use of safety relevant data on a mutual basis. The European data space falls under Delegated Regulation 886/2013 of the European Commission on SRTI.

Achievements

DFRS achieved a major milestone with the signing of a Memorandum of Understanding (MoU) with Euro NCAP, the consumer vehicle safety performance assessment programme. The signing, which took place at the ITS European Congress in Seville, formalises a collaboration to enhance vehicle safety assessments through the integration of real-time road hazard data. The DFRS ecosystem is now positioned as a reference cloud based communication framework for use by vehicle manufacturers. As a result, the ecosystem has grown significantly, with new OEMs and public authorities that contribute to further refining its ecosystem. DFRS advancements and their impact across Europe are detailed in the first DFRS Impact Report, which highlights key achievements, progress and data-driven outcomes.

Start:

2019

Coordinator:

ERTICO - ITS Europe with the support of WSP as Chair of the Technical Group

Partners:

22

ERTICO Partners:

The Netherlands Ministry of Infrastructure and Water Management, Directorate-General for Traffic (DGT) Spain, The Finnish Transport and Communications Agency Traficom, Germany's Federal Ministry of Transport and Digital Infrastructure, Flanders Ministry/road authority (Belgium), HERE Technologies, TomTom, Mercedes-Benz, Swedish Transport Administration (Trafikverket), The Norwegian Public Roads Administration



Follow
the journey



Innovation Platforms/Mobility Data Spaces



A multi-stakeholder ecosystem enabling seamless automated valet parking solutions

enhancing automated valet parking

easy
intelligent
driverless
ENHANCING AUTOMATED VALET PARKING

EAVP accelerates the deployment of Automated Valet Parking (AVP) by integrating parking, charging, and AVP standards into a unified framework that supports the full parking user journey. The platform drives a strong multi-stakeholder ecosystem and delivers solutions that enhance convenience, efficiency, and safety for parking users, operators, and OEMs.

Achievements

EAVP has expanded its membership to promote AVP-type-agnostic solutions that meet diverse market demands while enhancing collaboration between parking sector, including service providers and major vehicle manufacturers. It has advanced the APDS to v5 specifications for further ISO standardisation and in alignment with EU regulations. V5 supports both legacy and future technologies across all automation levels from L0 to L4, enabling seamless parking user journey. Recent initiatives have also set the groundwork for lighthouse deployment projects in Europe and beyond. Collectively, these efforts position EAVP to significantly increase AVP market adoption in the coming years.

Start:

2022

Coordinator:

ERTICO - ITS Europe

Partners:

11

ERTICO Partners:

CTAG, Honda, Toyota



Follow
the journey



european-automated-valet-parking-eavp



Bridging Traffic Horizons

The IDI Platform (ITS-Driven Innovative Aerial Services) unites global actors from ITS, innovative aerial services, mobility, and public services, including industry, academia, public sector and civil society. Joining forces, they promote responsible deployment of innovative aerial services powered by the digital transport systems and solutions.

Achievements

IDI enables cities, regions, and countries across Europe and beyond to achieve integrated and holistic multimodal mobility as well as broader multimodal traffic. Regardless of the mode, whether aerial, ground, underground, or subterranean, it supports an interoperable, safe, resilient, sustainable, and efficient integrated transport system. Future-oriented, IDI enables the connection between next generation innovations in aerial services for urban and regional operations, whether in transport, logistics, mobility networks, traffic management, surveillance, or other relevant public services. At the same time, it leverages existing infrastructure and creates new deployment opportunities for both the private sector and public services, according to emerging needs.

Start:

2024

Coordinator:

ERTICO - ITS Europe

Partners:

12

ERTICO Partners:

Aumovio, DLR, ICCS, University of Cyprus - KIOS Centre of Excellence, City of Hamburg



Follow
the journey



idi-platform

Innovation Platforms/Mobility Data Spaces



Orchestrating the Future of Traffic Management

TM2.0 is a European innovation platform transforming traffic management into a cooperative mobility and traffic ecosystem. Through data sharing, interoperability, and co-governance among stakeholders, it enables the orchestration of vehicles, services, and infrastructure toward a safer, more efficient, more sustainable, and user centric transport future.

Achievements

TM2.0 advanced its work through its active Task Forces on the Use of Artificial Intelligence in Traffic Management (in the context of the EU AI Act), Traffic Circulation Plans and Traffic Management Measures, TM 2.0 and EMDS, and Traffic and Freight. The platform continued to promote its position paper on the AI Act, which outlines guidelines to support the integration of AI to enhance road safety and strengthen the competitiveness of the traffic management sector and the European Union. Its members also launched discussions on a renewed vision for the platform to align with sector priorities and strengthen its role and visibility within the traffic management ecosystem.

Start: June 2024

Coordinator: ERTICO - ITS Europe and AustriaTech

Partners: 28

ERTICO Partners:

AstriaTech, Be-Mobile, ICCS, HERE Technologies, Technolution, SWARCO, Kapsch TrafficCom, Concello de Vigo, TomTom, Yunex Traffic, SAE, Rijkwaterstaat, PTV Group, Norwegian Public Roads Association, Swedish Transport Administration (Trafikverket)



Follow
the journey

TM2.0 Platform



Map Update Exchange

Transport Network ITS Spatial Data Deployment

TN-ITS is an ERTICO multi-stakeholder platform that governs data chain mechanism for trusted authoritative spatial road data changes between road authorities, map makers, and service providers. While enhancing road safety, transport efficiency, automation, and applications such as MaaS, smart parking, and cycling, TN-ITS maintains and develops a CEN Technical Specification for the exchange of static road attributes. This forms the basis for static data exchange within the revised Delegated Regulation RTTI DR 2022/670. It also encompasses the National Access Point Coordination Organisation for Europe (NAPCORE).

Achievements

TN-ITS has played a key role in supporting the EU rollout of mandatory Intelligent Speed Assistance (ISA) systems, contributing to improved road safety. Since the signed Declaration of Lisbon with DATEX II in 2023, major partnerships were established with map community stakeholders, including Google Maps joining the platform to enhance the accuracy and timeliness of digital maps. TN-ITS continues to improve road safety through its active involvement in standardisation of cycling data, including the incorporation of cycling infrastructure related road attributes in its specification, as requested by several Member States. More Member States are also beginning to improve their TN-ITS services to support their road infrastructure and enhance the availability of authoritative data as required by the RTTI Delegated Regulation.

Start:

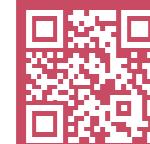
2013

Coordinator: ERTICO - ITS Europe

Partners: 13

ERTICO Partners:

HERE Technologies, Huawei, TomTom, Norwegian Public Roads Administration, Vlaamse Overheid, Swedish Transport Administration (Trafikverket), Department of Transport, Tourism and Sport (Ireland), Department for Transport (UK)



Follow
the journey

tn-its

Innovation Platforms/Mobility Data Spaces



A global standardised interface to exchange data between in-vehicle sensors and the cloud

Achievements

SENSORIS defines a global standardised data interface between vehicle-to-cloud and cloud-to-cloud, enabling new services and business opportunities by using onboard sensor data as probe data. After becoming an official non-profit association under Belgian law in November 2023, SENSORIS began liaising with CEN and ISO to have its specification adopted as a CEN and ISO standard, while developing SENSORIS v2.0. Its members have also started developing a harmonised UML information model and actively contribute to alignment with other industry stakeholders, while participating in the Open AutoDrive Forum. The SENSORIS L2 data specification has also been used in the Data for Road Safety (DFRS) ecosystem, and is referenced in the Euro NCAP protocol released in 2024 and updated in 2025.

Start:

2016

Coordinator: ERTICO - ITS Europe

Partners: 13 (15 members in the process of joining)

ERTICO Partners:

AISIN, CTAG, Huawei, HERE Technologies, TomTom, Toyota



Follow
the journey

sensorisasbl

ERTICO Academy

Sharing knowledge for tomorrow's journey

ERTICO Academy is a unique ITS and mobility training programme tailored to the needs of public authorities and their stakeholders. It offers a blend of training programmes enriched with workshops delivered by ERTICO in-house experts and our prestigious international partners, helping participants upskill for rapid changes in smart mobility and transport systems.

Achievements

The Academy training aims to increase mobility literacy and deployment readiness, including the latest innovations. This year, the Academy training have supporting projects such as NAPCORE through an in-person workshop and NextETRUCK via eLearning courses. The December edition of ERTICO's partnership event 'Focus On' also included an Academy element on capacity building on innovation and governance, using outputs from the MetaCCAZE project. The Academy also introduced a new programme for ERTICO Premium Partners seeking funding for innovation linked to the Horizon Europe funding process.



THE ACADEMY

by
ERTICO
PARTNERSHIP
Sharing knowledge

2016

Start

ERTICO – ITS Europe

Coordinator

#ERTICOAcademy

LinkedIn

ITS Congresses

For more than 30 years, ERTICO has united the smart mobility community through the ITS Congresses, aiming to foster next generation transport technologies, strengthen cross-sector cooperation, and transform research and policy into practical, scalable solutions that deliver societal value. These flagship events bring together leading industry professionals, policymakers, researchers, and public authorities to showcase real-world solutions and technologies that shape the future of transport innovation.

Through high-level discussions, technical sessions, live demonstrations, technical visits, and exhibitions, each Congress showcases how innovation is transforming the movement of people and goods. Aligned with the European Commission's priorities and strategies on transport and smart mobility and ERTICO's vision, the Congresses continues to accelerate innovation from idea to market and reinforce European leadership through collaboration, ensuring user-centric, competitive, and future ready mobility.

16

European ITS
Congresses

11

Organised in
countries

11

EMEA World ITS
Congresses

Organised in
countries



16th ITS European Congress

Seville, Spain | 19-21 May 2025



In cooperation with the European Commission, Spanish authorities, and ITS Spain, ERTICO organised the 16th ITS European Congress to explore the theme '**Clean, Resilient and Connected Mobility**'. The event marked a record-breaking number of attendance and a turning point for European ITS. It showcased how mobility solutions are shifting from research to real-life deployment and reaffirmed ITS as a central component to achieving Europe's climate and digital goals.

Dialogues translated into concrete outcomes. This included stronger cooperation frameworks, investment alignment for electrification and automation, and clear calls for interoperable data and inclusive governance across all levels. The Smart Mobility Summit of Cities and Regions confirmed cities' leadership in delivering the EU Mission for Climate-Neutral and Smart Cities by 2030, underlining that progress depends on collaboration across all levels.

Many ERTICO Partners presented their innovations. From cloud-based SCADA platforms and V2X corridors to AI-driven traffic management and connected mobility ecosystems. ERTICO delegation visited them during the Partners Tour, including DGT, CTAG, Monotch, Miovision, SWARCO, Google Maps, AISIN, T-Systems, ISBAK, and concluded at ITS Spain and its local authorities.

3K
attendees

112
sessions

140+
exhibitors

71
countries



Discover more about the
Seville Congress

31st ITS World Congress

Atlanta, United States | 24-28 August 2025



Another major highlight featured within the technical visit was CTAG's launch of the automated shuttle, connecting the Torre del Oro and the Seville Aquarium, with extensions to the cruise terminal. Through 11 technical visits and 6 demonstrations, participants experienced the city's smart mobility solutions up close.

The ITS Arena, a new exhibition highlight, brought forward deployment-ready solutions through interactive panel discussions where industry leaders and pioneering cities shared first-hand insights, placing proven innovations and real-world impact at the centre of the programme. Featuring more than 100 speakers from over 60 organisations, such as Amazon Robotics, EIT Urban Mobility, EasyPark, Mastercard, and Google Maps, the ITS Arena showcased practical, scalable solutions and mobility projects already in action.

The ERTICO team on site shared expertise across many sessions and high-level panel discussions, while also presenting a wide range of activities at the ERTICO stand. Showcasing Partnership opportunities, more than 30 European Union funded projects, and Innovation Platforms, the stand also offered a preview of upcoming Congresses in Istanbul 2026 and Birmingham 2027.

Organised by REED Exhibitions and ITS America, in collaboration with ERTICO-ITS Europe and ITS Asia-Pacific, the 31st ITS World Congress, brought to life the theme '**Deploying Today, Empowering Tomorrow**'.

The event showcased how ITS is no longer about distant possibilities. It is about tangible solutions shaping our cities. Live demonstrations reinforced this shift in Atlanta with operating robotaxis and advanced integration technologies, bringing real-world innovation to the forefront.

Discussions covered themes including safety, accessibility, data, interoperability, and AI. They emphasised innovation, collaboration, and resilience as foundations for global

deployment. ERTICO's contribution and participation in the programme highlighted topics including AI in public transport, collaborative ITS strategies, data sharing, cybersecurity, space-based positioning, and equity in mobility.

ERTICO co-hosted the UK-European Pavilion with Transport for West Midlands to promote the 2027 ITS World Congress in EMEA region. Together with more than 10 co-exhibiting, the pavilion showcased the latest innovations and solutions from the European region.

Several ERTICO Partners were also present in the exhibition, including Toyota, DENSO, AISIN, PTV Group, Kapsch TrafficCom, Monotch, Honda Motor, and Indra.

6K
attendees

179
sessions

220+
exhibitors

60+
countries



Read more about
ERTICO's involvement

17th ITS European Congress

Istanbul, Türkiye | 27 - 29 April 2026



Organised by ERTICO in collaboration with the European Commission and hosted by the Istanbul Metropolitan Municipality (IMM) and ISBAK, the Congress is supported by the Ministry of Transport and Infrastructure, the Union of Municipalities of Türkiye (TBB), and ITS Türkiye. This Congress edition will uncover the theme '**Bridging Innovation: Integrated, Safe and Seamless Mobility**'.

By leveraging Istanbul's unique position between Europe and Asia, the Congress will become a true crossroads of innovation connecting both continents. It will spotlight how local innovations, such as Istanbul's ambitious Sustainable Urban Mobility Plan and its integration of digital mobility services, contribute to Europe's objectives for a sustainable and connected transport future.

The Congress will also provide opportunities for investments in smart, accessible, and resilient transport systems. Through dynamic dialogues, technical showcases, and networking opportunities, the event will demonstrate how cities are shaping the future of mobility. It will catalyse collaboration to drive Europe's mobility ambitions forward.

Building on the outcomes of Seville 2025, Istanbul will expand the European vision by linking research, deployment, and cooperation across regions and continents. It will explore how to integrate transport networks, strengthen resilience, and accelerate innovation through four key topics: safety and resilience through intelligent systems; multimodal mobility system management; smart and sustainable logistics in the digital era; and enhancing transport and mobility beyond the road.

Forecast

3K+
attendees

100
sessions

140+
exhibitors

60+
countries



Explore
#ITS_Istanbul2026

32nd ITS World Congress

Gangneung, Republic of Korea | 19-23 October 2026



Organised by ITS Asia-Pacific, in collaboration with ERTICO and ITS America, the 32nd World Congress will explore the theme '**Beyond Mobility, Connected World**'.

Digitalisation and connectivity will be central to the discussions, continuing to drive the next generation of mobility solutions by linking cities, people, and infrastructure for more efficient and inclusive transport. Gangneung, a dynamic coastal city and a living testbed for smart mobility, provides another unique opportunity to the international community to experience real-world demonstrations and strengthen global collaboration.

The Congress programme will invite leading experts in high-level sessions and technical programme. ERTICO is actively contributing to these sessions and together with the Transport for West Midlands, the co-creation of the UK-European Pavilion will be presented once again. Alongside the prominent visibility of the next EMEA World Congress in 2027, co-exhibitors and a myriad of activities will demonstrate European innovation and the joint commitment to global cooperation in advancing intelligent and sustainable mobility.

Forecast

60K+
attendees

150+
sessions

420+
exhibitors

90+
countries

33rd ITS World Congress

Birmingham, UK | 25-29 October 2027



Organised by ERTICO, in collaboration with ITS America and ITS Asia-Pacific and hosted by Transport for West Midlands (TfWM), the 2027 ITS World Congress edition will mark the return of the ITS World Congress to the EMEA region under the theme '**Connect Ideas. Transform Transport**', the 33rd ITS World Congress will bring together the global mobility community to shape the next era of intelligent and sustainable transport.

Birmingham 2027 will be a living showcase of innovation in action. It will take participants on a journey through the innovation cycle, from idea to market, connecting policy, research, and deployment to real-world impact. Guided by four Focus Areas, the Congress bring mobility transformation: humanising smart mobility for inclusive communities; enabling a sustainable planet through responsible development; achieving a quantum leap in technology to pioneer the next era of mobility; and igniting innovation through viable business strategies.

The West Midlands region exemplifies this ambition. As a hub of advanced manufacturing and digital innovation, it is home to the UK's largest transport testbeds and living labs, driving progress in connected and automated mobility, digital roads, smart ticketing, and behavioural change.

The first Open Day, held in October 2025 alongside the Highways UK event at the NEC, marked the beginning of a series of engagement activities designed to welcome UK and international stakeholders. It provided a preview of how the NEC will transform into a global hub for intelligent transport in 2027 with strong UK cross-sector support from government bodies, regional & local authorities, leading universities, global technology companies, consultancies, and infrastructure partners.

Forecast

15K+
attendees

200
sessions

300+
exhibitors

80
countries



Stay up to date with
ITS World Congress news
and announcements

2028-2029 ITS European Congresses & 2030 EMEA ITS World Congress

In December 2025, ERTICO launched an open Call for Interest for cities in the European region wishing to host the ITS European Congresses in 2028 and 2029, as well as the ITS World Congress in 2030 in the EMEA region. This offers cities a unique opportunity to showcase their mobility vision and strategy, strengthen international cooperation, and highlight solutions they have already deployed.

Working closely with local authorities and national ITS Association, regional ITS organisations and the European Commission, ERTICO ensures each Congress highlights local ambitions while addressing global mobility challenges, delivering impactful events that leave a long-term legacy for the host cities and the wider transport community.

Hosting an ITS Congress offers cities the opportunity to:

- Highlight their long-term mobility strategy
- Showcase local innovation and real-life deployments
- Engage directly with global mobility stakeholders
- Attract investment, partnerships, and international visibility

The application is a two-stage selection process. It first includes the evaluation of an Initial Call for Interest with a submission of the minimum requirement document. This is followed by a second stage, namely a full tender process.



Consult the Tender process

Thought Leadership Insights & Contributions

ERTICO reinforced its position as a thought leader in ITS through strategic publications, high-level engagement, and policy advocacy.

In 2025, ERTICO released its **ITS Memorandum**, outlining a vision for sustainable, connected, and resilient mobility across Europe. The document emphasised the importance of cross-sector collaboration and alignment with major EU priorities such as the Green Deal, digitalisation, and climate-neutral transport.

On the policy front, **ERTICO submitted its perspectives** on the Multiannual Financial Framework (MFF) and the next Framework Programme (FP10), advocating for dedicated EU funding to support smart mobility innovation. ERTICO also contributed insights on military mobility, highlighting ITS's role in supporting dual-use and resilient infrastructure.

Through these initiatives, ERTICO has worked to advance Europe's ITS agenda by connecting policy, technology, and deployment to drive the transition towards intelligent, inclusive, and secure mobility systems.

At the end of 2024, ERTICO published its **White Paper** on 'Perspectives on Artificial Intelligence in the Domain of Transport & Mobility', providing a first examination of opportunities, challenges, and outlook on the potential of related applications, including generative AI and large language models, and how they can support compliance with EU policy targets.

ERTICO released its second edition of the **ITS Market Radar Report 2025** in cooperation with EY, providing an in-depth analysis of advancements in ITS and its impact on organisations that are ERTICO Partners in the following three sectors: Public Authorities, Research, and Users. By exploring trends, challenges, and opportunities, the report highlighted how ITS can cultivate sustainable, innovative mobility solutions across Europe. This release continues the ITS Radar Reports series, which ERTICO started in 2024 on its two sectors: Traffic & Transport Industry and Service Providers.

The ongoing Podcast episodes '**Connecting Dots & Talks**' also showcased the thought leadership of our Partners and stakeholders, including Global ITS Perspectives, Advancing Electromobility: Shaping the Future of Sustainable Mobility in Europe, Transformative Insights of the ERTICO ITS Market Radar Report 2025, Behind the Scenes of the ITS European Congress 2025, and AI in Action – Smarter Traffic for Smarter Cities.

ERTICO's thought leadership was also demonstrated during the ITS European Congress in Seville and the ITS World Congress in Atlanta, where it led high-level sessions linking innovation, policy, and real-world deployment. Learn more about our insights in the Congress section.



Learn more about
Thought Leadership

ERTICO Moonshot



Engaging, inspiring, and empowering cities and national authorities to enhance their opportunities in addressing urban mobility challenges.

The ERTICO Moonshot brings together the voices of public representatives at both local and national levels, recognising their central role in shaping the future of mobility by listening directly to those managing mobility systems.

The **City Moonshot**, now nearing its goal of interviewing 300 cities and regions worldwide, continues to capture insights on data sharing, MaaS, sustainability, e-mobility and Urban Air Mobility. Two reports are already available, highlighting how cities are approaching innovation, building greener mobility systems, and integrating new technologies. As City Moonshot approaches completion, its findings form a unique knowledge base that supports cities in making smarter, more connected mobility decisions.

Building on this foundation, the **National Moonshot** has now been launched to extend the dialogue to national authorities. By engaging ministries and national transport bodies, it explores how policy frameworks, data governance, interoperability, and national mobility strategies influence local action. The aim is to connect city-level experiences with national priorities, encouraging more coordinated and supportive mobility ecosystems across Europe and beyond.

Together, these initiatives strengthen understanding, collaboration and shared progress in the transition towards more efficient and sustainable urban mobility.



Learn more about
ERTICO Moonshot

2020
Start

ERTICO - ITS Europe
Coordinator

#ERTICOMoonshot

Engagement with EU Institutions & Associations

ERTICO actively engaged with EU institutions throughout the year, including the European Commission, European Parliament, and other associations to help resolve challenges and drive policy developments relating to ITS and smart mobility.

As part of the increased effort in advocacy, ERTICO organised structured dialogues with the European Parliament on ITS and sustainable mobility. Members of the ERTICO Supervisory Board and Strategy Committee attended the session, hosted by the Vice Chair of the TRAN Committee and former European Commissioner, MEP Virginijus Sinkevičius, who touched on the alignment of strategic initiatives in the ITS domain and policy measures, such as the European Green Deal, Sustainable and Smart Mobility Strategy, the ITS Directive, the Data and AI Acts, the Automotive Action Plan, and the Cyber Resilience Act.

Throughout the year, ERTICO maintained good cooperation with several DGs at the European Commission, such as DG MOVE, DG RTD, DG CONNECT, and DG GROW. Amongst many meetings, ERTICO met with the European Commissioner for Startups, Research, and Innovation, Ms Ekatarina Zaharieva, and her team to discuss the evolving priorities for mobility, digitalisation, and sustainability across Europe's transport sector.

They also organised visits to the cabinets of the EU Commissioners to raise awareness of the importance of ITS in Europe's strategic priorities, including the Cabinet of Apostolos Tzitzikostas, European Commissioner for Sustainable Transport and Tourism, and the Cabinet of Henna Virkkunen, Executive Vice-President of the European Commission for Technological Sovereignty, Security, and Democracy.

In addition, ERTICO continued to foster the technical and policy agenda of the European Commission and the EU Institutions through participation in various fora and expert groups, including the European ITS Advisory Group, Automated and Connected Vehicles within the Motor Vehicles Working Group, the Expert Group on Urban Mobility (EGUM). Also, as a member of the DTLF Steering Committee, ERTICO helped to conceptualise a federated architecture for data sharing – a network of platforms for digital transport and logistics.

Research & Innovation Agenda

As a member of the **CCAM Partnership**, which aims to harmonise European R&I efforts to accelerate the successful uptake of CCAM technologies and services, ERTICO contributes to drafting the Strategic Research & Innovation Agenda (SRIA), subsequent Calls under the Horizon Europe Work Programmes, and has a coordinating role in Cluster 7 through the **CCAMBassador** project.

ERTICO also takes a similar approach in the **2Zero** emission partnership: representing ITS stakeholders, contributing to SRIA updates and revisions, and being involved in its work programme and preparations for upcoming open calls. In this way, we play an active role in accelerating the transition to a carbon-neutral European road transport system by 2050.

Contributing to the work of the **European Road Transport Research Advisory Council** (ERTRAC), is also an important collaboration for ERTICO, aiming to define and implement the strategic research agenda for road transport. We also work with the **6G Smart Networks and Services Industry Association** (6G-IA), a voice of European industry and research for next-generation networks and services, including the Working Groups for Pre-Standardisation, Trials, SMEs, and Test, Measurement and KPIs Validation. As a contributing member of **ALICE Systems & Technologies for Interconnected Logistics**, ERTICO helps to define future research and innovation paths for the Steering Group, and as potential input for Horizon Europe calls.

In March 2025, the European Commission announced the launch of the European Connected and Autonomous Vehicle Alliance (ECAVA) in its **Industrial Action Plan** for the European automotive sector. This Alliance is intended to build on the work done by, among others, the Horizon Europe automotive-related Partnerships, in particular 2Zero, CCAM and the Chips Joint Undertaking. As a past, and current coordinator of various Coordination and Support Actions dedicated to aligning and harmonising R&I efforts in automated driving and field operational tests or large-scale demonstrations, ERTICO has submitted an application to join ECAVA. Our work on digital infrastructure, data exchange, artificial intelligence, cybersecurity, large-scale demonstrations, standardisation, regulations, stakeholder collaboration, co-creation with users and citizens, and international cooperation is of great significance for the Automotive Action Plan.



Networking with Peers and Co-Creation at High-Level Events

ERTICO was invited by various international, European, and national institutions and authorities to present keynotes, panel discussions, and co-host many events during the year. To mention a few: TRB in Washington, Drive Forward in Helmond, EUCAD 2025 in Ispra, CEDR dialogue, POLIS Leadership Summit in Rome, ITF/OECD Workshop in Paris, the International Symposium: Navigating the Future of Traffic Management in Athens, and the Global Transport Connectivity Forum in Istanbul, Smart City World Congress in Barcelona, as well as many Brussels events, including Busworld, Türkiye-EU Business Summit, Public Affairs Summit, European Parking Association Summit and various ITS Nationals' Congresses.

Each of these forums offered opportunities to share expertise, engage with stakeholders, and reinforce ERTICO's thought leadership role. We also worked closely with the wider research, academic, and industry community, as well as colleagues in the partner regions of ITS America and ITS Asia-Pacific, to co-organise the 2025 ITS World Congress.

Collaboration with the Network of National ITS Associations

Together with the **Network of National ITS Associations** (ITS Nationals), ERTICO worked to improve cohesiveness between European ITS stakeholders, with the shared vision of strengthening collaboration across all sectors and levels.

ERTICO values its collaboration with the 30 National ITS organisations across Europe. Through membership in the ITS Nationals Coordination Committee, represented by CEO Joost Vantomme, ERTICO aims to bring closer cooperation between stakeholders, presenting new opportunities for ITS Nationals' involvement in our activities, such as inviting ITS Nationals' Chair to participate in the ERTICO Strategy Committee and as a guest at the ERTICO Supervisory Board meetings. ITS Nationals also have a representation at the European Programme Committee for the ITS European Congress Programme Cycle as well as the ITS World Congress Board.



Global Cooperation and Strategic Partnerships

ERTICO unites stakeholders from all corners of the world, serving as a catalyst for dialogue and knowledge exchange. In 2025, we continued engaging in open dialogues with individuals and institutions.

ERTICO and **6G-IA** signed a Memorandum of Understanding (MoU) to foster collaboration in smart networks and intelligent transport systems. The agreement outlined joint efforts in information exchange, project support, and international cooperation. To advance innovation in mobility and telecommunications, both parties promotes its respective initiatives, and facilitates the integration of 6G research outcomes into the transportation and logistics sectors.

Similarly, ERTICO signed a MoU with **ITS Germany e.V.**, formalising a strategic cooperation to advance AI in transport, mobility, and tourism (AIAMO, Artificial Intelligence and Mobility). The partnership aims to lay the foundations for the use of AI in mobility management systems in alignment with European regulatory frameworks and industry needs.

ERTICO also strengthened its collaboration with the **Institute of Electrical and Electronics Engineers (IEEE)**, allowing both parties to boost cooperation, advocating for innovation and systemic change through joint work on standardisation and related topics.

Among its supported associations, including the **MaaS Alliance** and **TISA**, ERTICO continued close cooperation with both organisations in 2025. Established ten years ago at the 2015 ITS World Congress in Bordeaux, the MaaS Alliance brings together mobility stakeholders to support seamless, user-centred, and sustainable mobility services in Europe and beyond. As part of the anniversary activities this year, the MaaS Star Awards celebrated organisations and initiatives advancing integrated mobility. In 2025, ERTICO CEO Joost Vantomme continued to serve as the Vice President of the Alliance. TISA also remains a key cooperation partner for ERTICO. Building on the 2022 cooperation agreement, ERTICO further strengthened collaboration through active participation in committee meetings and special sessions at the 2025 ITS European Congress in Seville.

Looking ahead, ERTICO is committed to build on these collaborative efforts with the EU institutions and the broader network, enhancing its global outreach, fostering deeper strategic partnerships, and knowledge exchange to champion innovation in the transport sector.



Explore our
cooperation alliances

4 LOOKING AHEAD: VISION 2035



As we close this transformative year, we are reminded of a simple truth: strategy succeeds only when people move together. In 2025, we moved together. With purpose, ambition, and humanity, ERTICO will continue to open doors of opportunity to help shape the future of intelligent, sustainable, and inclusive mobility in Europe and beyond.

Building on this momentum, the years ahead will be pivotal. We remain steadfast in driving the evolution of intelligent transport systems, and we will embrace emerging opportunities to create a more connected, sustainable, and human centred transport ecosystem.

Guided by our Vision 2035, the strategic focus on **Transport for People, Transport of Goods, Urban and Suburban Networks, and Cross-Border Corridors and Inter-Urban Networks** will continue to drive our day to day initiatives. These priorities shape a safer, more inclusive, and more interconnected mobility landscape across Europe.

Enabled by **digitalisation, connectivity, data-driven intelligent mobility and data processing, standardisation and transformative technologies**, our work is designed to deliver tangible outcomes in **sustainability, resilience, efficiency, safety and human centricity**.

Looking ahead, we will embrace the coming years through the challenges and opportunities as we translate Vision 2035 into meaningful impact for people, communities and the environment.



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