

FRODDO

Safe, Resilient Transport and Smart Mobility Services

Driving the Future of Road Safety with Dynamic Digital Twins



Co-funded by
the European Union

If you are interested in **Connected, Cooperative and Automated Mobility (CCAM)** and the future of **safe, smart, and resilient transport**, you are in the right place!

Over the past months, the **FRODDO** consortium has achieved important milestones, including successful General Assembly and Review meetings, progress across its pilot sites, and active participation in European events and clustering activities. In this issue, we share the latest project highlights and key developments from across the consortium.

The **FRODDO project** brings together 18 partners from across Europe to develop and validate innovative CCAM solutions by combining Digital Twins, AI, connected infrastructure, and real-world pilot demonstrations, paving the way for safer and smarter mobility.

STAY CONNECTED

Follow the latest news and project updates at <https://froddo-project.eu/web/>

Project updates



4th GA Meeting, Porto, June 2026

On 3–4 June 2026, the **4th FRODDO General Assembly**, hosted by **INESC TEC** in Porto, brought together consortium partners to review progress across all work packages, assess developments in the four pilot sites, discuss technical innovations, Digital Twins, dissemination activities, and coordinate the project's next steps. The meeting was further enriched by the participation of Dr. Mario Monsreal (Texas A&M Transportation Institute), member of the **FRODDO Advisory Board**, whose extensive expertise in logistics and transportation provided valuable strategic feedback to support the project's future direction. The two-day meeting reinforced collaboration across the consortium and strengthened FRODDO's shared commitment to delivering safer, smarter, and more resilient mobility solutions.



[Read more...](#)

News



[Read more...](#)

TS European Congress 2026 – Istanbul, Türkiye

FRODDO actively participated in the ITS European Congress 2026 in Istanbul (28–29 April 2026), showcasing its latest innovations in **Connected, Cooperative and Automated Mobility (CCAM)**. The project was represented through a live webinar by George Christou (ERTICO – ITS Europe) on the role of EU projects behind the Congress demo vehicles, as well as two technical presentations by Prof. Vassilis Gikas and Harris Perakis (NTUA), highlighting FRODDO's advances in GNSS, 5G hybrid positioning, multi-sensor fusion, and next-generation urban traffic management. The event provided an excellent platform to engage with the European ITS community, exchange knowledge, and promote FRODDO's vision for safer, smarter, and more resilient mobility solutions.

Synergies

ITS European Congress 2026 Online Webinar

As part of the ITS European Congress 2026, FRODDO participated in the live webinar "**The EU Projects behind the Demo Vehicles**", showcasing how Horizon Europe projects are translating research into real-world mobility solutions. Together with the EvoRoads, ZEV-UP, and EAVP projects, FRODDO highlighted innovations in connected and automated mobility, contributing to discussions on smarter transport systems, greener urban mobility, and safer roads while engaging with a broad international audience through the online event.



[Read more...](#)

Strengthening Synergies through the EU Road Safety Cluster

FRODDO continues to strengthen its collaboration within the EU Road Safety Cluster, a network of Horizon Europe projects working together to advance research and innovation in road safety. Following the appointment of the CAMBER Project as the new Cluster leader, FRODDO looks forward to contributing to joint initiatives, knowledge exchange, and collaborative activities that maximise the impact of European research. By working alongside fellow projects, the consortium is helping accelerate progress towards **safer, smarter, and more sustainable mobility**, in support of **Europe's Vision Zero** ambition.



[Read more...](#)

New campaign

“ Women behind the wheel of Innovation” Campaign

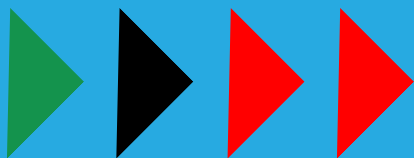
To celebrate **International Women’s Day**, **FRODDO** launched the **"Women Behind the Wheel of Innovation"** campaign, shining a spotlight on the remarkable women driving progress across the consortium. Throughout March 2026, the campaign featured inspiring stories from researchers, engineers, communication specialists and innovation experts representing partners across Europe, showcasing the diverse expertise that is shaping the future of **Cooperative, Connected and Automated Mobility (CCAM)**. Through their personal journeys and professional experiences, participants highlighted how innovation, diversity and collaboration are essential to building mobility systems that are safer, smarter and more inclusive for everyone.

More than a celebration, the campaign served as a call to action to encourage greater female participation in mobility, technology and research. By amplifying authentic voices from across the FRODDO consortium, the initiative reinforced the project's commitment to diversity, inclusion and equal opportunities within the transport and innovation ecosystem. The campaign demonstrated that the future of mobility depends on bringing together different perspectives and talents, inspiring the next generation of women to pursue careers in science, engineering and digital mobility while helping shape the connected and autonomous transport systems of tomorrow.



froddo-project.eu

[Read more...](#)



Blog Spotlight

How FRODDO Smart Alerts can make our roads safer even before problems occur

The future of road safety relies on vehicles and infrastructure working together. This blog presents FRODDO's Early Warning and Alert System, an AI-powered solution that analyses real-time data from multiple sources to identify emerging risks and provide timely warnings, helping improve safety, traffic efficiency, and coordinated decision-making.

[Read the full blog...](#)

Strengthening FRODDO's Exploitation Strategy with Horizon Results Booster (ITML)

Turning research into lasting impact is a key objective of the FRODDO project. This blog outlines how the consortium, led by ITML, is leveraging the Horizon Results Booster service to develop exploitation strategies for eight Key Exploitable Results (KERs), ensuring that FRODDO's innovations continue to create value beyond the project's lifetime.

[Read the full blog...](#)

Women behind the wheel of Innovation (INTRA)

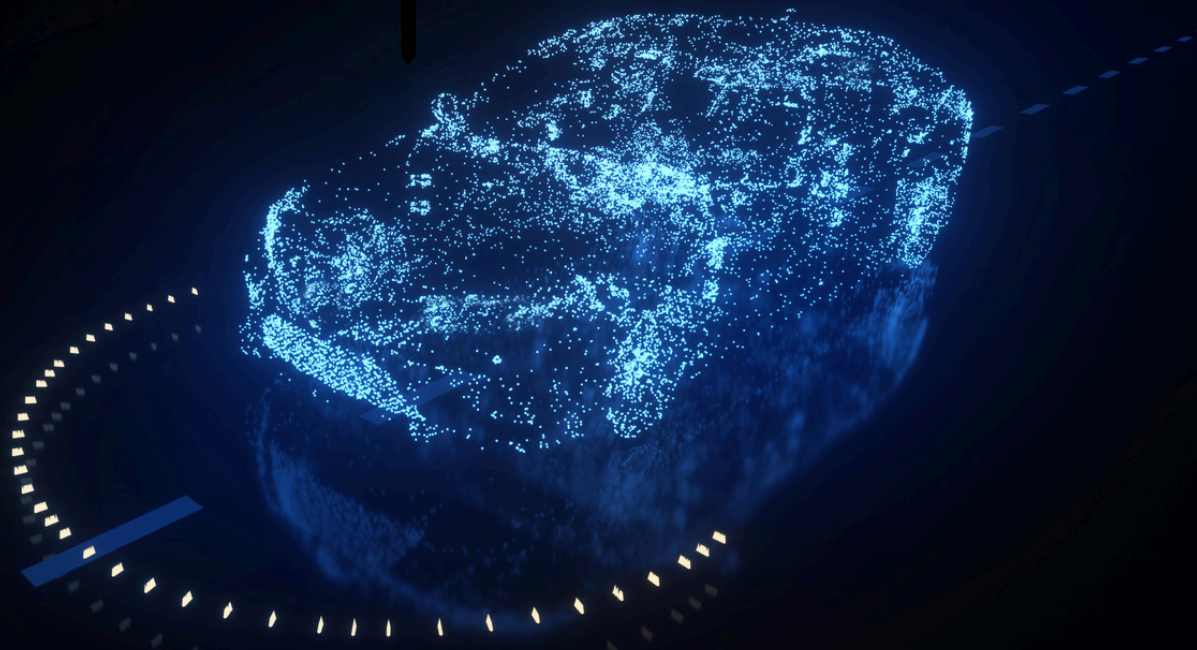
Diversity and inclusion are key drivers of innovation in the FRODDO project. Through the "Women Behind the Wheel of Innovation" campaign, the consortium celebrated the women leading research, engineering, communication, and innovation activities while encouraging greater female participation in the future of Connected, Cooperative and Automated Mobility (CCAM).

[Read the full blog...](#)

Expanding the limits of automated mobility: How FRODDO advances CCAM beyond today's ODD constraints (FRONTIER)

The blog explores how the FRODDO project is expanding the Operational Design Domain (ODD) of Connected, Cooperative and Automated Mobility (CCAM) systems, enabling them to operate safely under more complex environmental and traffic conditions. It also highlights Frontier Innovations' work on AI-driven behavioural models and cooperative perception technologies that enhance decision-making, predict the behaviour of other road users, and support the wider deployment of automated mobility solutions.

[Read the full blog...](#)

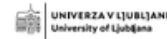




The FRODDO Consortium

FRODDO brings together a multidisciplinary consortium of 10 countries, 18 experts in traffic management, artificial intelligence, IoT, and connected mobility.

Our goal is to create a **realtime, data-driven decisionsupport system** that helps cities, road authorities, and mobility providers prevent accidents and optimise traffic performance.



Stay connected



Become part of FRODDO by following us online, join our events, and help shape the future of safe, connected, and automated mobility.

Project Coordinator: ERTICO

Follow us:



**Co-funded by
the European Union**

Europe Research and Innovation
Programme under Grant
Agreement No. 101147819