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This edition of the ACUMEN newsletter highlights the project's latest activities, ranging from tools to webinars. It also outlines the next steps and how to get involved with ACUMEN in the months ahead.

Don't miss the latest updates and insights from ACUMEN!

### A word from our coordinator

As ACUMEN approaches its conclusion, the results of our research and pilot activities are becoming increasingly tangible.

The launch of our Decision-Making Tool represents an important output for cities navigating AI integration in traffic management. Drawing on experiences from Luxembourg, Helsinki, Athens and Amsterdam, this freely available resource helps assess readiness and implement solutions responsibly.

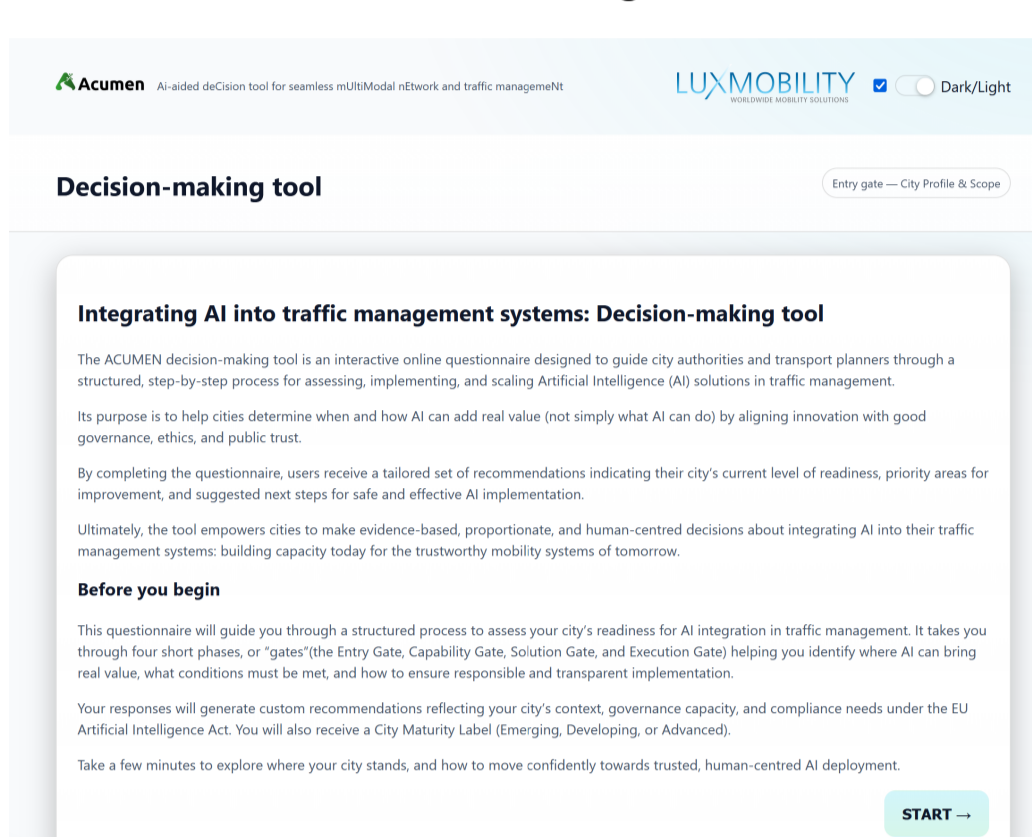
Our recent webinar, 'AI in traffic management: lessons from four European cities', brought together practitioners and experts to hear candid insights from the pilot cities themselves. The discussions highlighted not only technical achievements but also the practical challenges of real-world deployment.

Looking ahead, we are excited about our joint final conference with our sister project SYNCHROMODE on 21-22 April in Brussels. The final conference will showcase the results and lessons learnt from several multimodal traffic and transport management projects. Each session will highlight the research outcomes and share insights gained from pilot cities, offering a comprehensive view of the challenges and successes encountered during implementation. In addition, we are planning to welcome presentations from researchers not part of our consortia, which will be selected following a call for contributions.

Thank you for your continued engagement and looking forward to meeting you at our final conference!

**Claudio Roncoli**  
Coordinator - ACUMEN

### Decision-Making Tool



Cities exploring AI for traffic management face crucial questions about readiness, appropriate use cases and safe implementation. The ACUMEN Decision-Making Tool provides a structured framework to help cities navigate these decisions.

The interactive online tool guides users through four progressive stages. The Entry Gate helps cities assess their profile and define an appropriate AI strategy. The Capability Gate evaluates readiness across data infrastructure, governance and legal compliance. The Solution Gate identifies which mobility challenges are best suited to AI intervention. Finally, the Execution Gate supports the design of safe pilots with proper risk management and citizen engagement.

Upon completion, cities receive a tailored maturity assessment—classified as Emerging, Developing or Advanced—along with specific recommendations for next steps. The tool enables cities to make informed decisions about AI integration, ensuring they deploy these technologies responsibly and effectively.

The tool is freely available online and has been developed based on real-world experiences from pilot cities Luxembourg, Helsinki, Athens and Amsterdam.

[Access the tool](#)

### Save the date ACUMEN final conference

We are entering the final stretch! As ACUMEN draws to a close, we're joining forces with SYNCHROMODE for a two-day final symposium on **21-22 April 2026 at COMET Louise in Brussels**.

**SYNCHROMODE** is a sister EU-funded Horizon Europe project that develops data-driven ICT tools for improving transport operations and managing the overall transport network, complementing ACUMEN's AI-aided decision support for seamless mobility.

This symposium will bring together policymakers, city leaders, transport authorities, industry innovators, and sustainability experts to explore operational tools and real-world solutions tested through pilots across Europe. Discussions will focus on multimodal traffic management, AI and data, resilience, digital twins, and city implementations.

Whether you represent a European city, transport authority, or work as a mobility professional, join us to exchange insights and shape the future of sustainable urban mobility!

#### Call for Contributions

We also invite researchers, practitioners and industry experts to submit papers for presentation at the event. We are particularly looking for contributions that bridge research outcomes, real-world deployment and policy-making, and that demonstrate how advanced transport management solutions can support sustainable, efficient and coordinated mobility across modes and governance levels.

More information on the submission process will follow soon!

[Register here](#)

### Progress

The ACUMEN webinar, 'AI in traffic management: lessons from four European cities', which took place on 22 January, brought together the project community to hear directly from the pilot cities — Luxembourg, Helsinki, Athens and Amsterdam — on their experiences of developing and testing AI-powered tools for urban mobility over the past three years. Across four distinct use cases, speakers shared practical results and candid insights: These were Helsinki's work using AI in a traffic app to encourage more sustainable travel choices, Luxembourg's trials integrating automated vehicles into door-to-door journeys, Amsterdam's simulations to support multimodal transport management during major disruptions, and Athens' use of AI-enabled transport simulation to inform real-time traffic management decisions. The discussion focused on what had worked and what had not, the challenges of real-world deployment and the key considerations for other cities exploring the use of AI to improve traffic management, sustainability and mobility. This was followed by an open Q&A session.

[Access the webinar](#)

### MTM Cluster

ACUMEN has continued its contribution to the Multimodal Traffic Management (MTM) cluster, an important initiative that not only provides an opportunity for knowledge exchange but also gives it a key position in shaping the European Union's approach to network and traffic management.



#### ACUMEN x SYNCHROMODE Governance Webinar

**20 March 2026, 10:00–11:00 CET**

The webinar will focus on ongoing learnings from multi-actor cooperation and governance models across different use cases in SYNCHROMODE: Thessaloniki (Greece), Madrid (Spain) and the Netherlands. These use cases cover scenarios involving passenger transport, logistics and traffic management. One of the key frameworks discussed will be SOCRATES 2.0, which supports cooperation models for interactive traffic management.

[Register here](#)

### Internal Meetings

The latest consortium meeting took place in Castelldefels in February. The meeting brought partners together to discuss fine-tune our work, discuss results, and plan the final event.



### Past Events

In order to disseminate our findings and engage with other projects and initiatives, we participated in several relevant events:



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