

Road Mobility

BROKERAGE
EVENT

Aethon Engineering



Innovation-driven SME active in **HE projects** across Mobility, Smart Cities, Energy, Logistics, and more. We combine **AI & Data Science, Software, and Transport Engineering** to cover the full project life cycle, from concept to market uptake. We work with partners across Europe (and beyond) to turn **ambitious ideas into robust, scalable solutions** with real societal and environmental impact.



Konstantinos Andreopoulos

Transport specialist with strong experience in **European and international cooperation**, working on sustainable and smart mobility, road infrastructure, safety, and policy. Passionate about **building partnerships** and delivering **impactful, innovation-driven transport projects**.

Greece | Aethon Engineering R&D Department | Sustainable & smart mobility & cities, road infrastructure & safety, logistics, and more



HORIZON-CL5-2026-10-D6-09

Road Safety and resilience of rural areas

Background – why AETHON: EU-focused SME with experience in transport & mobility, road safety, rural networks & resilience. Extensive participation in HE projects with NRAs, regions and research bodies. Proven expertise in GIS-based analysis, risk & accessibility assessment, & (AI) decision-support tools. Coordinator of a proposal under [HORIZON-CL5-2026-01-D6-14](#) with very solid partners addressing road crashes based on AI and big data.

Idea description (brief): Integrated rural risk framework combining road safety, infrastructure condition, climate hazards & emergency accessibility. Two data-driven tools (Rural Road Risk Atlas: GIS-based multi-risk mapping & prioritisation, and Rural Safety & Resilience Dashboard: AI decision-support for road authorities) piloted in remote, mountainous & island regions. Co-created & demonstrated solutions with road authorities & emergency services, ensuring transferability, policy uptake & Vision Zero alignment.

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- **AETHON role:** proposal coordination, architecture & integration design of the Risk Atlas and Dashboard, ensuring interoperability, usability & policy relevance.
- **Profile of partners sought:** NRAs, rural, peripheral or island regions / municipalities, research & academia: road safety engineering, climate risk & infrastructure resilience, transport data, industry: providers of road safety technologies, monitoring systems, ITS, AI & digital platforms, emergency services, road maintenance agencies, civil protection bodies
- **TRANSITOOL:** strategic transport modelling & scenario tool supporting evidence-based decision-making by assessing policy, investment & system impacts. In this idea, it is the strategic decision layer on top of the operational tools (e.g., tests “what-if” scenarios for rural safety & resilience investments, assesses medium- & long-term impacts of measures identified via the tools, supports policy choices at regional / national level (not just single-road fixes).

Thank you

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