

Korea-EU Horizon Europe Researchers Networking Forum on Energy & Advanced Mobility

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**Automated vehicles
Human-Machine Interaction
Mobility adoption**



1. Safe Autonomy, WMG, University of Warwick

University of Warwick – located in Coventry

WMG

- Leading international role model for collaboration between academia and the public and private sectors, driving innovation in science, technology and engineering.

Safe Autonomy Research Group

- Research to ensure the safe introduction of automated vehicle technology in society.



2. Expertise

Safety on **automated transportation** (aerial / maritime / road transportation / remote operation)

Societal impact of automated vehicles

Human Factors and **Human-Machine Interaction**

Safety assessment and **scenario**



3. Your Project Idea

Explore automated transportation (i.e., autonomous shuttle) as a rural area mobility and design human-automated vehicle interaction for safety and user experience.

- HORIZON-CL5-2027-06-D6-08: Enhancing Mobility for All: affordable, reliable, and accessible multimodal transport for inclusive rural and urban connectivity - Societal Readiness pilot

Behaviour-based accident prevention and strategy development

- HORIZON-CL5-2026-10-D6-09: Road Safety and resilience of rural areas

Analysis of key scenarios and the roles and interrelations of stakeholders

- HORIZON-CL5-2027-06-D6-04: Holistic solutions for CCAM integration in critical scenarios (CCAM Partnership)



4. Profile You are Seeking and Why

Traffic simulation / Traffic modelling

Demand-Responsive Transport - Optimisations / Multi-modal service integration

: To explore the integration of automated transport as a mode of DRT

Systematic-thinking design approach

: Applying systems thinking design to a new transportation concept.



5. Contact Details

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