



Partner Profile

Comenius University Bratislava, Slovakia
Faculty of Law
Regulation of Automated Transport (ROAT)

Profile

ROAT is a research group specialising in legal and regulatory aspects of automated and connected mobility, with a strong focus on bridging EU regulatory frameworks and real-world deployment of innovative mobility solutions.

The group conducts interdisciplinary research at the intersection of EU law, information technology law, and public policy, contributing to the development of practical legal frameworks that enable safe, compliant, and scalable deployment of automated transport technologies.

ROAT combines academic excellence with applied research experience, supporting policymakers, public authorities, and industry stakeholders in addressing regulatory challenges related to AI-driven mobility, data governance, and cybersecurity.

Key Expertise

ROAT provides specialised expertise in:

- regulatory frameworks for automated and connected vehicles (EU, UNECE, national level)
- AI governance and implementation of the AI Act in mobility ecosystems
- data governance, access to in-vehicle data, and compliance (GDPR, Data Act)
- cybersecurity and regulatory compliance (NIS2, UNECE cybersecurity frameworks)
- legal frameworks for testing and pilot deployment (including regulatory sandboxes)
- liability, risk allocation, and insurance models in automated mobility
- regulatory interoperability and comparative legal analysis across EU Member States

Experience

ROAT has strong experience in applied legal research and policy-oriented activities, including:

- development of legal frameworks for testing and deployment of automated vehicles
- preparation of legislative proposals and expert opinions in the field of automated mobility
- legal and regulatory analysis supporting public authorities and stakeholders
- participation in publicly funded research projects (e.g. Jean Monnet Network, Visegrad Fund, Recovery and Resilience Plan of the Slovak Republic, APVV)
- collaboration with governmental bodies, industry actors, and research organisations

In addition, members of the research group have experience in dissemination and communication activities within research projects, including:

- preparation of dissemination strategies and communication plans
- management of project outputs via websites and digital platforms
- communication through social media and stakeholder-oriented channels
- contribution to visibility, outreach, and exploitation of project results

The group's work contributes to evidence-based policymaking and supports the alignment of innovative mobility solutions with EU regulatory requirements.





Role in Projects

ROAT contributes as a legal and regulatory partner in Horizon Europe and CCAM projects, typically within Work Packages on legal, regulatory, ethical, and societal aspects.

Key contributions include:

- leading or contributing to regulatory mapping and compliance analysis (EU and national level)
- developing legal frameworks for pilot deployment and real-world testing of automated mobility solutions
- designing data governance and AI compliance strategies
- analysing liability, safety, and risk allocation in automated systems
- supporting implementation of regulatory sandboxes and testing regimes
- contributing to policy recommendations, standardisation, and exploitation strategies
- supporting dissemination and communication activities, including stakeholder engagement and visibility of project results

ROAT ensures that project solutions are aligned with EU legal frameworks while supporting innovation, scalability, and real-world applicability.

Added Value for Projects

ROAT strengthens consortia by:

- ensuring regulatory compliance and reducing legal risks
- enabling safe and scalable deployment of automated mobility solutions
- translating complex legal requirements into actionable implementation frameworks
- supporting integration of legal, technical, and societal dimensions
- enhancing policy impact and exploitation potential of project results
- contributing to dissemination, stakeholder engagement, and communication strategies

Keywords

Automated mobility, AI regulation, Data governance, Cybersecurity, Liability, EU law, International law, Policy Impact

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