



ADVISORS – Action for advanced Driver assistance and Vehicle control systems Implementation, Standardisation, Optimum use of the Road network and Safety

Scientific Responsible
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ADVISORS – In the framework of the implementation, standardisation and optimum use of the road network and the safety of advanced driver assistance and vehicle control systems (ADAS), a methodology is developed for the assessment of the ADAS impact to the road network efficiency and the environment. This methodology comprises the use of specially calibrated micro- and macro-models for the identification of traffic and environmental pollution characteristics with and without the use of ADAS and various levels of ADAS penetration. This methodology is applied in pilot operations of ADAS. The results of this research allow identifying which ADAS technologies may really have an overall positive impact both to the network use, and to the environment.