

Expected outcomes

The project provides seven Activities to support the 2019 changes to the Road Infrastructure Safety Management Directive 2008/96/EC, particularly within the context of network-wide road safety assessment.

SLAIN also supports the Directive's objectives for network digitisation and the Commission's CCAM (Cooperative, Connected and Automated Mobility) Single Platform. The consortium will assess the basic readiness of road infrastructure to support reliable operation of automated vehicles in four member states. These results will be published in 2021.

SLAIN continues to integrate road safety and Road Assessment Programmes in Europe, with a focus on saving lives.

Beneficiaries

The SLAIN consortium consists of 9 core partners, coming from six EU member states, namely Greece, Italy, Spain, Croatia, UK and Belgium.



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SLAIN

Saving Lives Assessing and Improving
TEN-T Road Network Safety



About

SLAIN Project (Saving Lives Assessing and Improving TEN-T Road Network Safety)

Duration: April 2019- March 2021



Vision

Road safety in Europe has improved thanks to the different actions taken at European, national and local levels. Although some Member States continue to make considerable progress, EU-wide road fatality rates have not fallen in recent years. To work towards the implementation of both the United Nations and European Commission goals on road safety and especially supporting authorities in the reporting requirements of the Directive 2008/96/EC on road infrastructure safety management, a more systematic approach to safer road infrastructure is needed. The SLAIN project supports and encourages the main changes to the Road Infrastructure Safety Management Directive 2008/96/EC and also assesses the readiness of Europe's infrastructure for automation. The project's Action supports the Commission's target to "continue to reinforce measures necessary to halve the number of deaths and serious injuries in the EU by 2030 from the 2020 baseline".

The European Road Assessment Association (EuroRAP) is an international not-for-profit organisation that aims to reduce death and serious injury on Europe's roads. EuroRAP is addressing this through a programme of systematic risk assessment and by identifying shortcomings that can be addressed by practical road improvement measures.

General objectives

The SLAIN Project (Saving Lives Assessing and Improving TEN-T Road Network Safety) aims to

- ✔ Demonstrate a methodology of network-wide assessment
- ✔ Provide examples of network-wide road safety assessment with 10,000 km of mapping
- ✔ Demonstrate proposals for section-specific, economically-viable crash countermeasures
- ✔ Assess the readiness of Europe's infrastructure for automation



Project structure

1. Risk Mapping

Production of Maps showing crash rate risk as an overall part of network-wide road assessment.



2. Star Rating

Road surveys and data analysis to produce Star Ratings and Safer Roads Investment Plans (SRIP).



3. Technical justification for network-wide road assessment

Comparison of network-wide road assessment alongside other methods, providing information and know-how to countries who are yet to carry out network assessment.



4. "How to" guide for network-wide road assessment

Preparation of a step-by-step guide for practitioner road authorities and ministries.



5. Global analysis of the safety of the TEN-T

Research and mining of data from previous network-wide road assessment; delivery of a technical report including an analysis of road survey data for roads held in the iRAP ViDA data platform.



6. Case studies using the application of network-wide road assessment

Collection of a series of 100 examples or case studies.



7. Preparing the physical infrastructure for automation

Assessment of the readiness of infrastructure for automation by collecting and analysing relevant road attributes and from the digital infrastructure's readiness to support CAV operation.



8. Project management and dissemination of results

