Research Package VeSPA: TP1-M Measures and potentials in the field of road users

Forschungspaket VeSPA: TP1-M Massnahmen und Potenziale im Bereich Verkehrsteilnehmende

Funding: National (Switzerland)
Duration: Jan 2015 - Oct 2016
Status: Complete

Background & policy context:
The phase 1 of the VeSPA research package “road safety gains resulting from datapooling and structured data analysis” has been terminated and the reports of the five subprojects as well as the final synthesis report are established. The results of the first phase led to a focused design of phase 2 on measures and potentials with a concentration on only two subprojects. The main goal of the research project "Research Package VeSPA: TP1-M Measures and potentials in the field of road users" is to combine the factors that affect accident events and to detect interactions among those effects in order to formulate measures to increase the safety on roads in Switzerland. The groundwork is based on structured data analysis on the VeSPA data set.

Objectives:
The objective of this research project connected to the research package VeSPA is to combine the factors that affect accident events and to detect interactions among those effects.

The first sub-goal is to expand the explanatory model on individuals and society on further dimensions (situation/infrastructure, vehicle, weather).

The second sub-goal is do carry out multivariate analysis to detect holistic influence dimensions.

The third sub-goal is based on the formulation of measures and interventions in order to support the accident reduction goal in Switzerland.

As a result, the effectiveness will be analysed based on the explanation models and measures will be recommended and prioritised.

Parent Programmes:
SVI - Swiss Association of Transportation Engineers (various projects)

Institute type: Private foundation
Institute name: Association of Transportation Engineers
Funding type: Public (national/regional/local)
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STRIA Roadmaps: Other specified
Transport mode: Road transport
**Transport sectors:**  Passenger transport, Freight transport

**Transport policies:**  Safety/Security

**Geo-spatial type:**  Urban