

The i-safemodels Project

Duration

36 months (June 2019 – June 2022)

Objective

Propose international comparative analyses of road traffic safety statistics and safety modeling at:

Macroscopic level (e.g. country, region)

Microscopic level (roadway locations)

Model development

Macroscopic models

Analyze crashes at aggregate spatial levels

Microscopic models

Identify relation between road crashes and injuries, road infrastructure characteristics and traffic

Hazardous locations

Methods for identification and methods for selection of treatments

Transferability assessment

Comparative assessment of prediction performance of transferred models vs. locally developed models

Impact

Consideration of road safety on a global level

Improvement of decision making practices

Road casualties reduction