



რეგიონული განვითარებისა და
ინფრასტრუქტურის სამინისტრო

Georgian Experience and Achievements in Road Safety Audits (RSA)

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Presented by Mamuka Patashuri

Head of Road Safety Division

Roads Department of Georgia

Ministry of Regional Development and Infrastructure

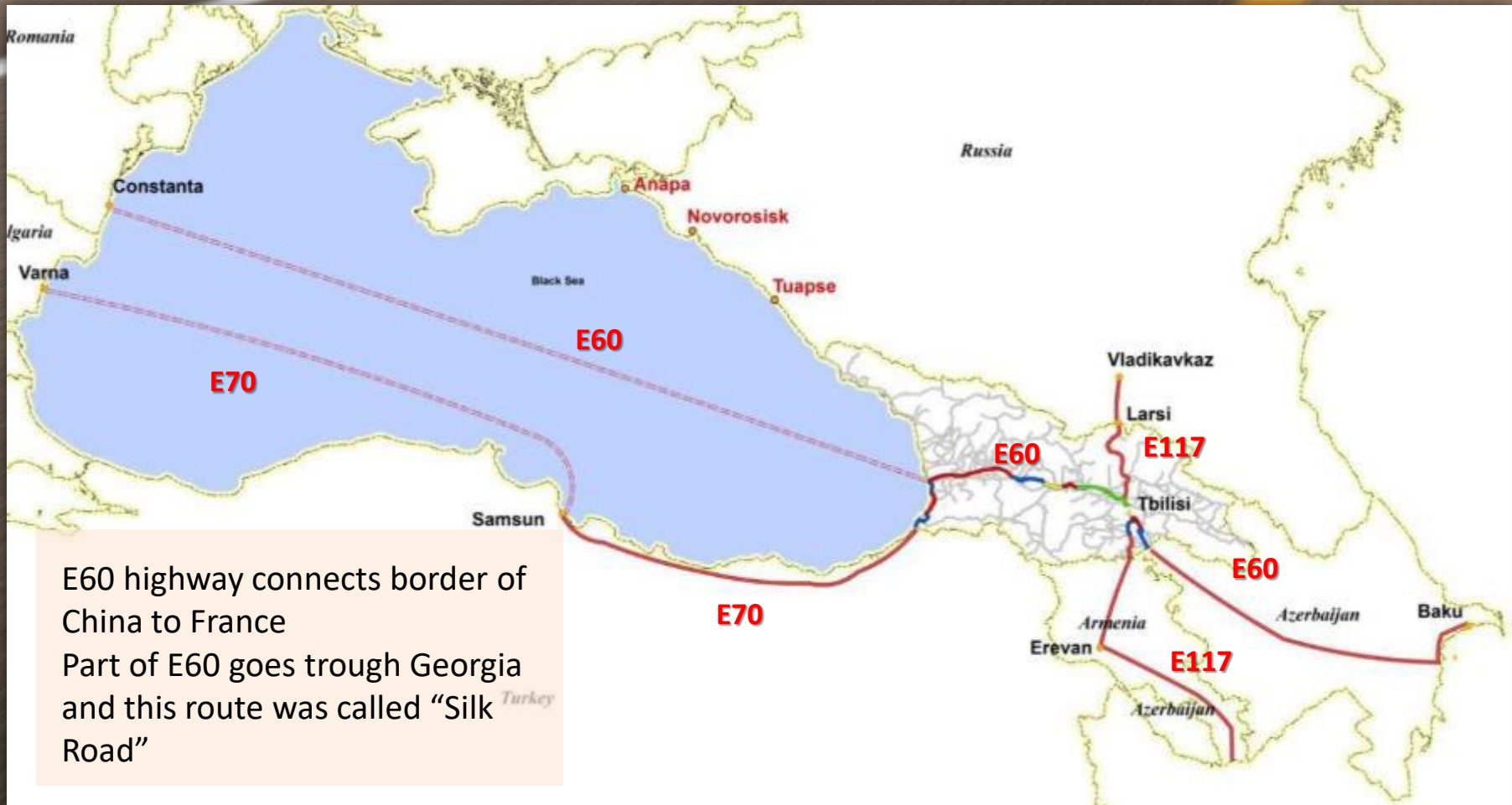


Georgia Roads Network

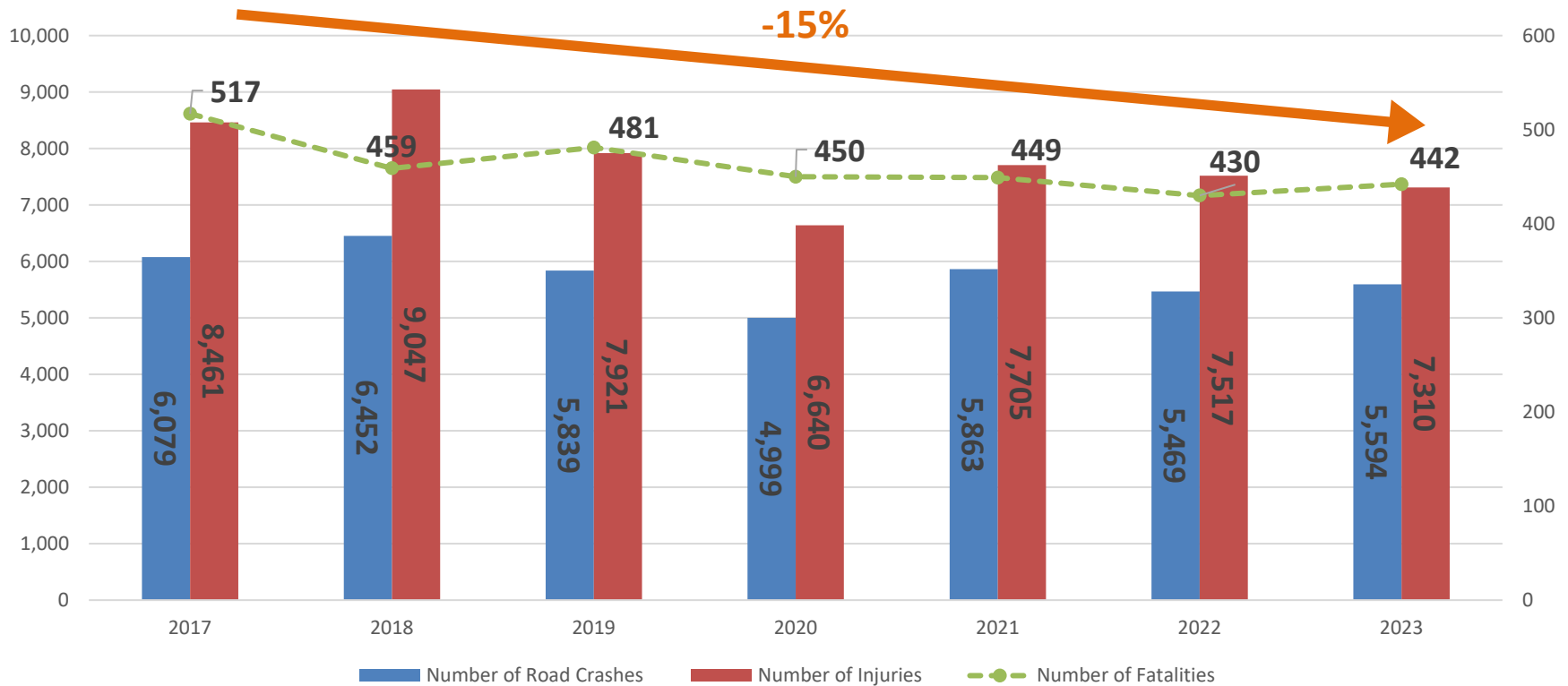




E-Road Network



E60 highway connects border of China to France
Part of E60 goes through Georgia and this route was called "Silk Road"



- According to the analysis carried out based on the methodology of the World Bank, taking into account the total number of fatalities and injuries caused by road accidents in 2019, the socio-economic expenditure amounted to 4.1% of GDP.



TECHNICAL GUIDELINES

Road Safety Audits

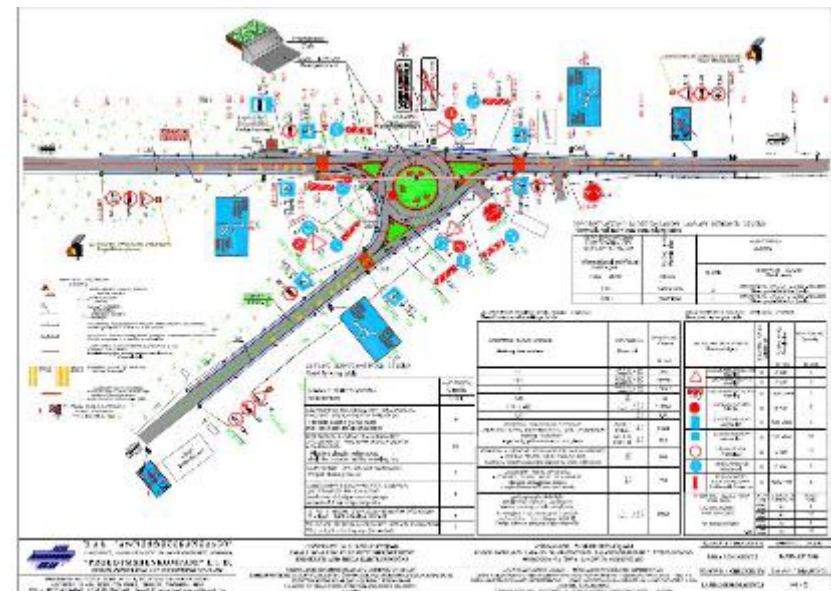
2011
Roads Department of
Georgia
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- With the support of the World Bank, technical guideline for road safety audits has been developed in 2011 in accordance with Euro directives.
- **Road safety audit** - an independent comprehensive systematic and technical verification of the road infrastructure project's safety characteristics and assessment of road condition from the point of view of road safety at all stages of the project implementation: planning, design and construction (reconstruction).
- Ensuring safe traffic conditions on International and Secondary roads in the implementation of traffic safety measures is organized and coordinated by the Roads Department of Georgia under the Ministry of Regional Development and Infrastructure.
- Traffic safety measures shall be implemented by designing, constructing, reconstructing, repairing and maintaining roads in accordance with the Georgian road design standard documentation and national normative legal acts.



- RSA an independent detailed systematic and technical safety check, related to the design characteristics of a road infrastructure project, covering all stages from planning to early operation.



Following the principle “**Prevention is better than cure**” the RSA makes it possible to design and construct road traffic facilities as safe as possible.



TECHNICAL GUIDELINES

Road Safety Audits

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- Road safety audits on International and Secondary road network mainly are conducted with Roads Department of Georgia's internal resources in view of the EU Directive 2008/96/EC.

There are different steps during RSA:

1. Review project design documents,
2. Conduct field safety audits,
3. Prepare audit reports with recommendations for safety improvement,
4. Cooperate with stakeholders in identification and development of safety improvement initiatives.

Annually RSA is done on approximately 500km of road section.

- It should be mentioned that, for the projects financed by international financial institutions RSA's can be done by independent auditors or RD's Road safety internal staff and is reviewed by technical persons.



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The auditor's comments are structured on two levels:

- **Findings/Problems** – conditions that can be documented as entailing an increased accident risk. The auditor should formulate for alleviating the problem, but not necessarily design the changes;
- **Recommendations** – concern the conditions that experience has shown should be given attention in continued designing, but for which it is not possible to document an increased risk to road users at the current audit stage.



STAGES OF RSA	
Stage 1 – Initial feasibility design	Review of route options, standard, number and type of junctions.
Stage 2 – Draft design	Examination of alignment, cross section, junction layout, prior to political adoption of the project and prior to expropriations.
Stage 3 – Detailed design	Review, before tendering material is finished, of detailed design of junctions, road markings and equipment.
Stage 4 – (Pre) Opening	Examination of the finished construction before opening (or directly after opening).

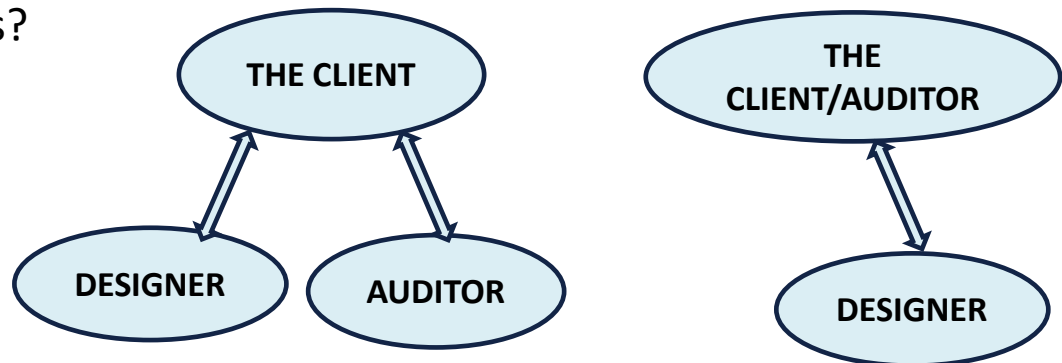


The aim of an RSA is to answer the following questions:

- What elements of the road may present a safety concern: to what extent, to which road users, and under what circumstances?
- What opportunities exist to eliminate or mitigate identified safety concerns?



Stakeholders of RSA:





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Thank you