

# Better Road Safety System based on in-depth analysis of road accidents in Bosnia and Herzegovina and Serbia

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WORKING PARTY ON TRANSPORT TRENDS AND ECONOMICS



# UN RS Legal Instruments

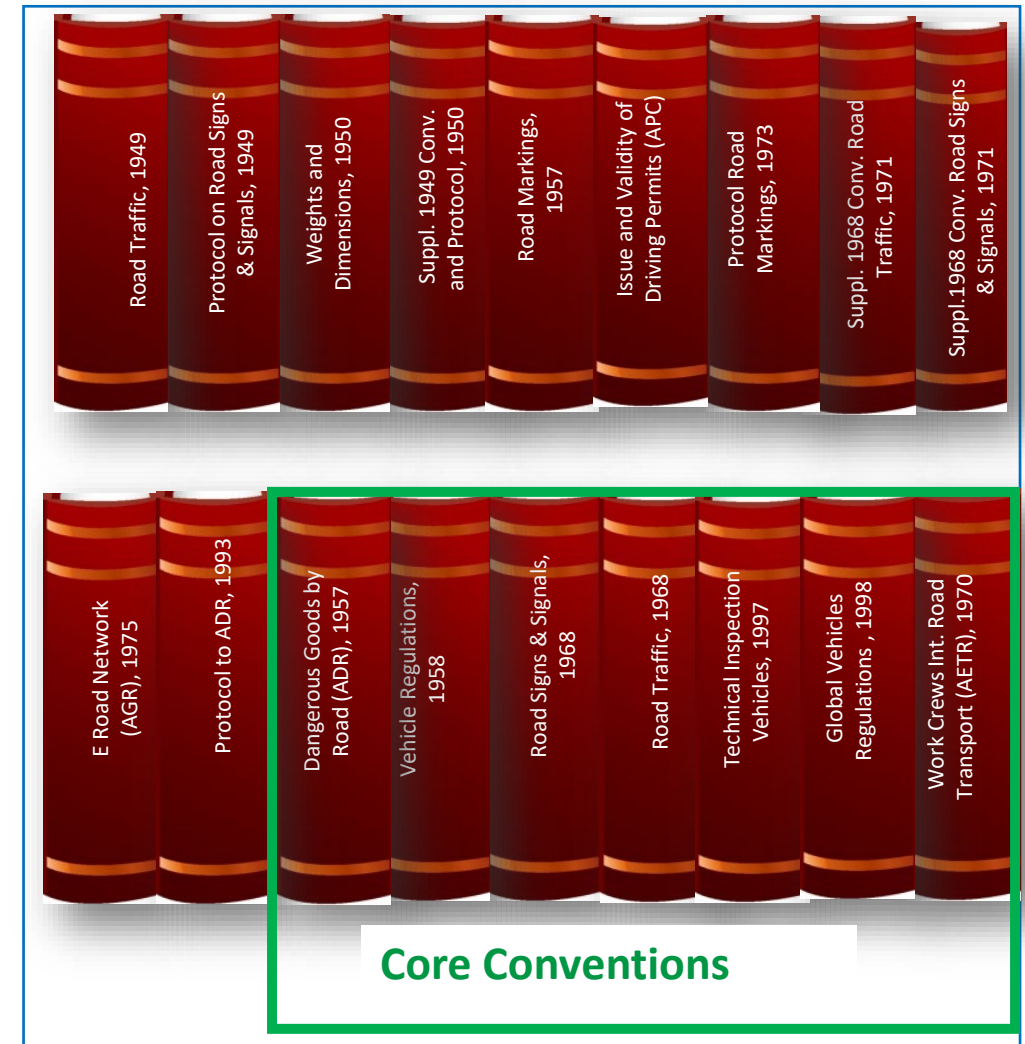


## Core UN RS legal instruments

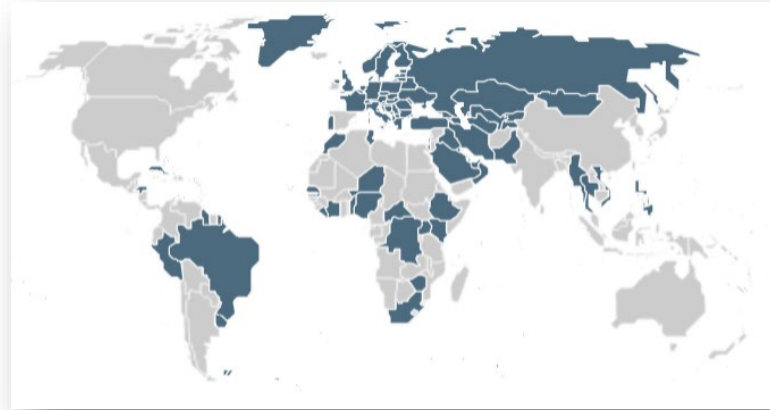
1. Convention on Road Traffic, 1968
2. Convention on Road Signs and Signals, 1968
3. European Agreement Concerning the Work of Crews of Vehicles Engaged in International Road Transport (AETR), 1970
4. Agreement concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations, 1958
5. Agreement concerning the Adoption of Uniform Conditions for Periodical Technical Inspections of Wheeled Vehicles and the Reciprocal Recognition of Such Inspections, of 13 November 1997
6. Agreement concerning the Establishing of Global Technical Regulations for Wheeled Vehicles, Equipment and Parts, 1998
7. European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) of 30 September 1957

## Sets of best practices

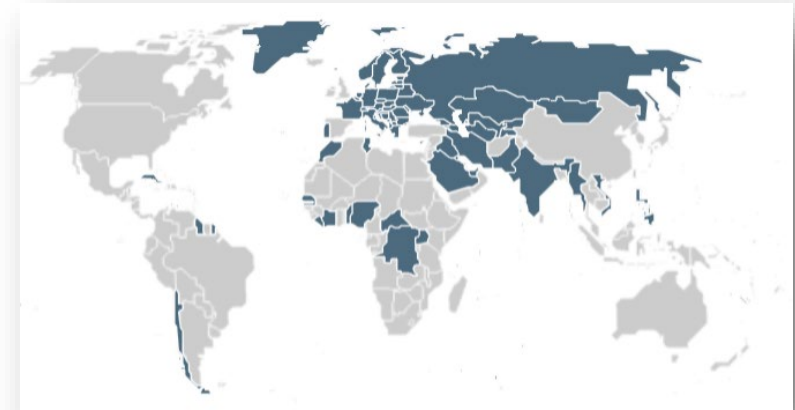
- Consolidated Resolution on Road Traffic (R.E.1)
- Consolidated Resolution on Road Signs and Signals (R.E.2)



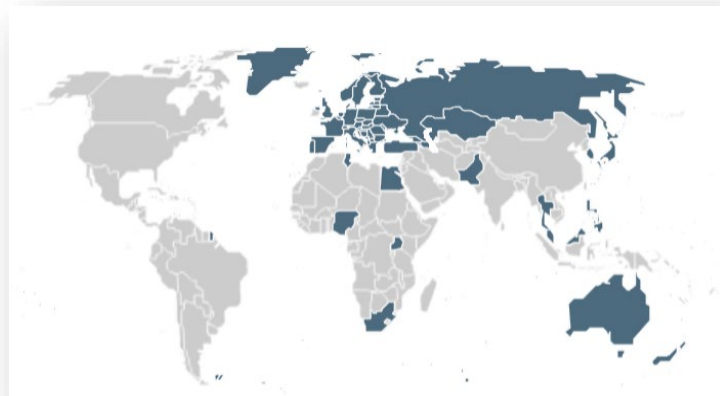
# Accession to road safety conventions



Convention on Road Traffic  
1968

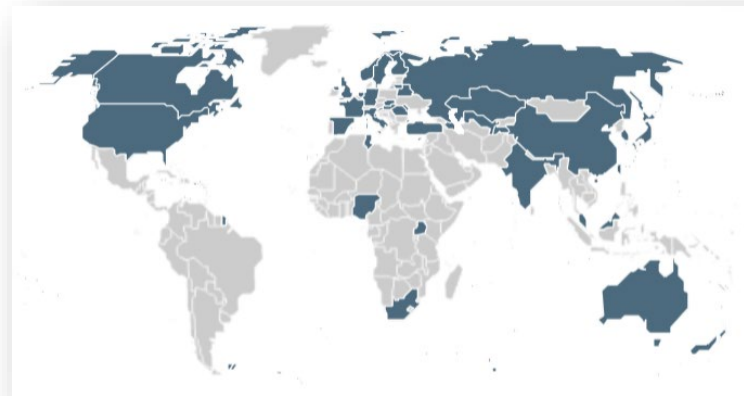


Convention on Road Signs and  
Signals 1968

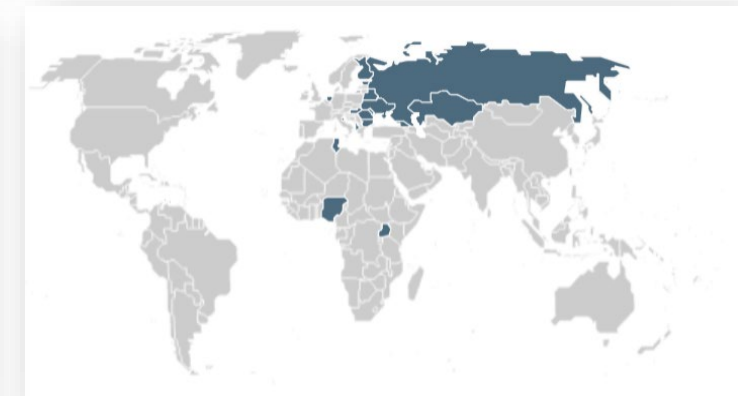


1958

Vehicles Conventions



1998



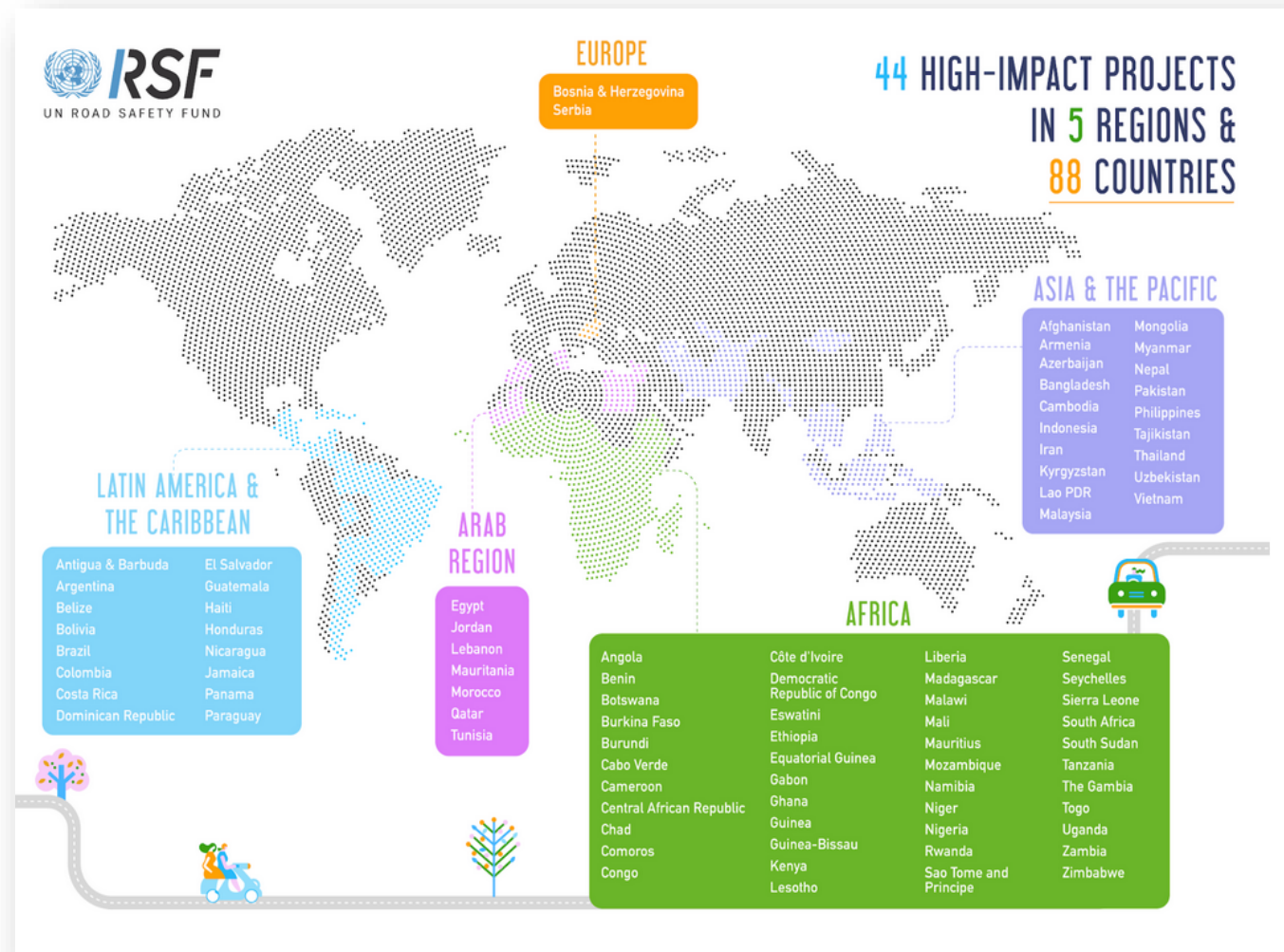
Periodical Inspection  
1997



# United Nations Road Safety Fund



- Established in 2018 as a global partnership working to help halve road deaths and injuries in the low- and middle-income countries
- UNECE is participating in four projects
- *Better Road Safety System based on in-depth analysis of road accidents in Bosnia and Herzegovina and Serbia* is the first project in Europe and only one led by UNECE .



# Project Background

- Road safety related SDGs – SDG 3 and SDG 11 (2015)
- ITC Recommendation for Enhancing National Road Safety System (2019)
- Decade of Action for Road Safety 2021-2030 (2021)
- UN Road Safety Fund call for proposals (2023)
- Beneficiary countries: Bosnia and Herzegovina and Serbia
- PUNOs: UNECE and WHO
- Project duration: April 2023 – October 2025



# Project Background (II)

- In-depth analysis of road accidents is a comprehensive and systematic approach that aims to understand the underlying causes of accidents.
- Analyse human behaviour, vehicle characteristics, road conditions, and environmental elements.
- In-depth analysis is independent of the police investigation, and it serves to the decision makers to define precise countermeasures to improve road safety before a new road accident with similar characteristics occurs.
- By eliminating deficiencies on the road as identified by in-depth analysis, it is estimated that the number of fatalities may be reduced by 10% (based on Elvik, R. (2009)) in a period of 2 years.



# Project Goal



- The primary aim of the project is to
  - improve national road safety system through the implementation of in-depth analysis of road accidents.
  - bridge the gap in the current road safety legislation and strategies by introducing in-depth analysis as a proactive tool for improving road safety.
- Recognized by the road safety strategies
  - BiH - Framework Road Safety Strategy and Action Plan for the period of 2022 to 2026 (pending)
  - Serbia - Road Safety Strategy 2021 – 2030 (adopted 2023)

The project facilitates a deeper understanding of the causes of road accidents, allowing for targeted interventions that align with the broader national road safety goals.



# Project Stakeholders



## Stakeholders

- Governmental bodies
- Road safety experts
- Vulnerable road users (focus on pedestrians and cyclist)

## Beneficiaries

- General public
- Road safety authorities
- Road safety professionals
- International and regional organizations





# Project Activities

## Legislative Framework Enhancement

- Kick off meeting
- Update national legislation
- Prepare methodology
- Amend national legislation based on in-depth analysis
- Project wrap up

## In-depth Analysis Implementation

- 10 national pilot projects (BiH and SRB)
- Workshop on death cause and trauma registries
- National workshop to conclude pilot project recommendations



# Next steps

- Kick off meeting, Belgrade, 12-13 September 2023
- Selection of general methodology to follow (based on the best practice) and selection of international expert to prepare a methodology and lead pilot projects
- Selection of national experts to support project implementation
- Identification of national stakeholders and future team composition

# Project Sustainability



- Update of Legal Framework – law and bylaws, guidelines
- Methodology Implementation – enact national methodology and implement it consistently
- Professional Training – continue with training of professionals
- Pilot Project Insights – establish mechanism to constantly amend national legislation and guidelines as a result of in-depth analysis
- Scaling Up and Replication - other interested South-East European member States



# Thank you

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