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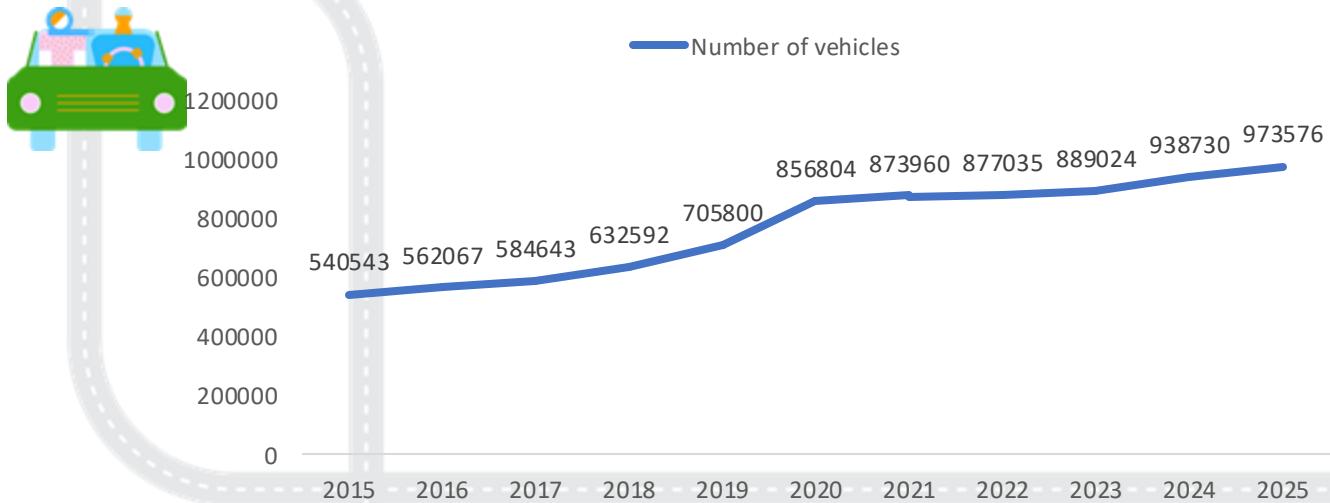
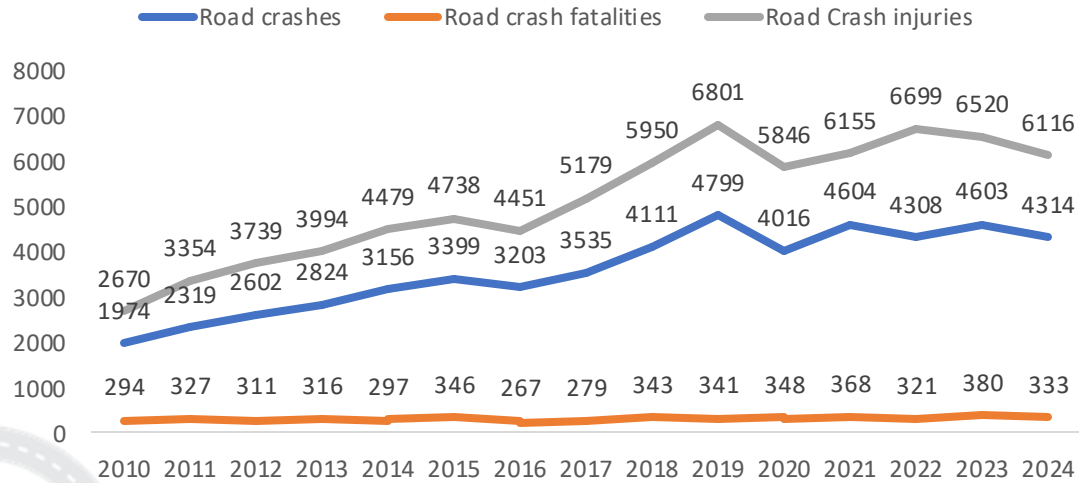


# National Road Safety Strategy in Armenia

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# Crash data in Armenia 2010-2024



More than 300 people die on the roads in Armenia every year, which represents a significantly higher per capita rate than in neighboring countries.

Between Jan 2010 - Jan 2024: 53,016 road accidents

- The number of vehicles has increased by 90 percent compared to 2015
- Traffic accident indicators show that the majority of fatal accidents (about 67%) occurred on city streets.
- The majority of fatal accidents, accounting for about 40% of total accidents, occurred on the interstate roads, which is due to the high speed of traffic on the interstate roads.

# National Road Safety Strategy Actions

	2025-2030		2030-2035
Phases	Reduce fatalities by 50%. Half-down crashes, reduce injuries and their consequences		Reduce fatalities by 10%
Pillar 1 Road safety management	Establish a Road Safety Authority, ensure sustainable funding and capacity	Improve road safety data system	Develop road safety knowledge management
Pillar 2 Safer road and mobility	Identify and address high road safety risk road locations	Implement a road safety audit for all national roads and during all stage	Introduce the concept of forgiving road environment
Pillar 3 Safer vehicles	Modernize the inspection system and vehicle standards	Ensure of safe vehicles for all road users (vehicles, pedestrians, etc.).	Improve vehicle safety standards
Pillar 4 Safer road users	Change the behavior of road users and involve local governments in the road safety process	Promote enforcement and improve education and public awareness	Develop well-educated road users
Pillar 5 Post-crash response	Ensure coordination between emergency services	Improve capacity for post crash care	Increase efficiency of first response

# Road Safety Management Structure

## 1<sup>st</sup> level of Management

### DECISION MAKING

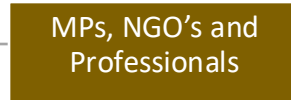
- Focus on results
- Legal acts
- Budget
- Coordination
- Promotion



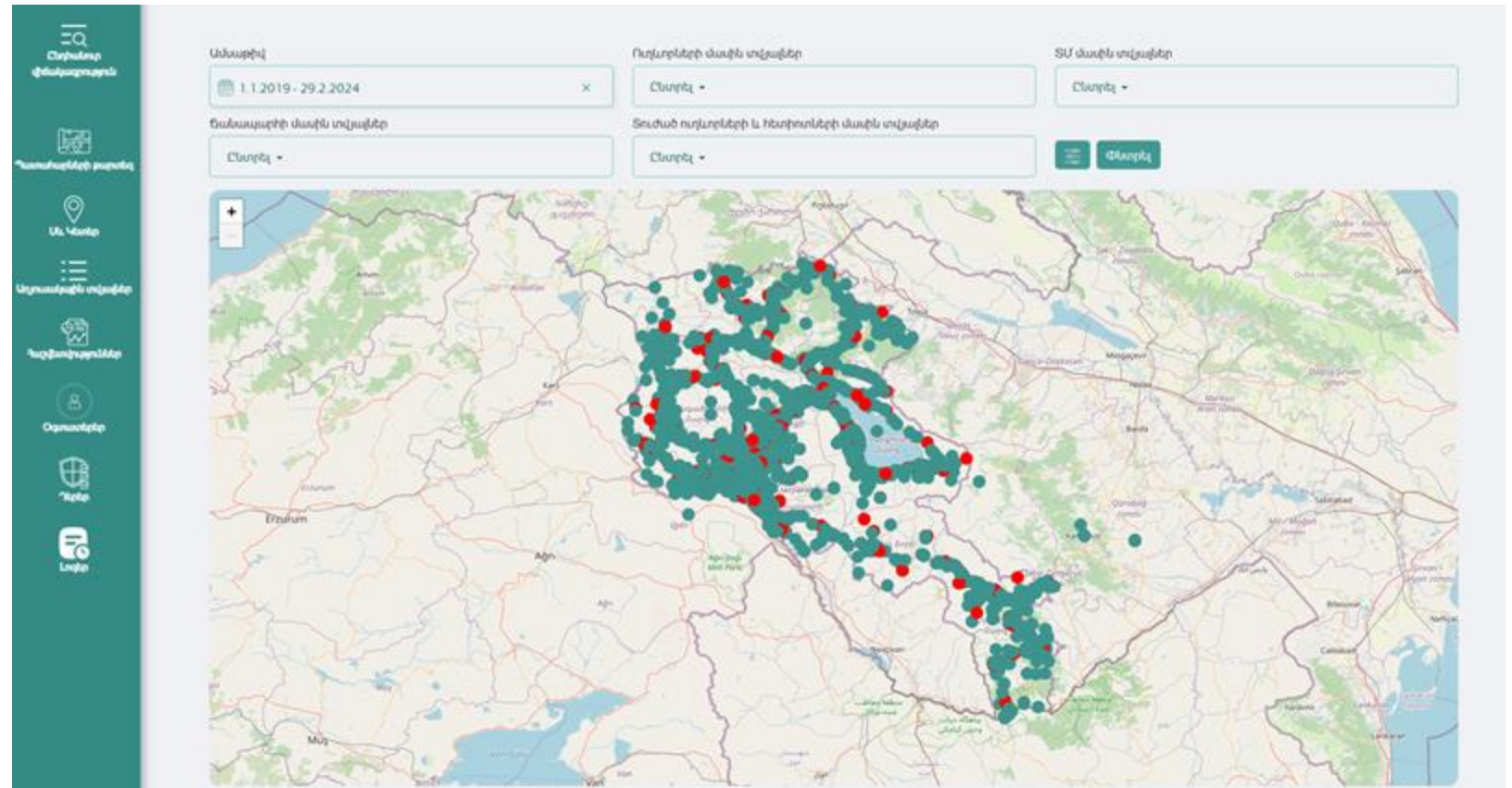
## 2<sup>nd</sup> level of Management

### IMPLEMENTATION

- Action and Promotion
- M&E
- R&D and Knowledge Transfer

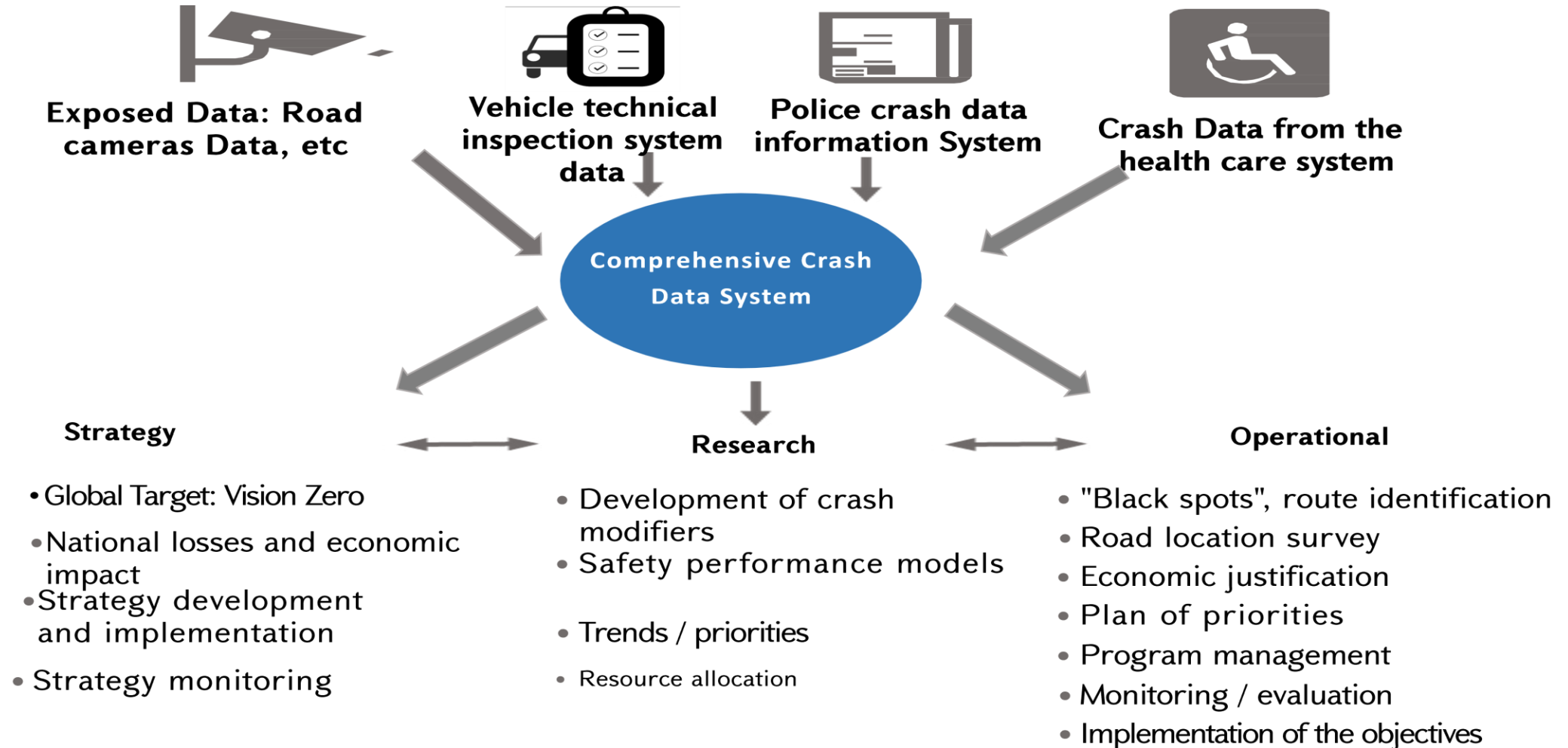


# Data analytics dashboard for blackspot identification: over 22000 road accidents analyzed (RSF)





# Comprehensive Crash Data System (perspective)



# SAFE ROAD INFRASTRUCTURE

## Legislative reforms

- ✓ **Two EU (CEPA) Road Infrastructure directives :**
  - Directive 2008/96/EC “On the safety management of road infrastructure”;
  - Directive 2004/54/EC “On minimum safety requirements for tunnels in the trans-European road network”.
  
- ✓ As a result, amendments were made to the RA *Law “On Motorways”*.
  - *provisions on road safety management,*
  - *a mandatory requirement to conduct a road safety audit,*
  - *a requirement to conduct a road safety impact assessment,*
  - a requirement to inventory and eliminate “*black spots*”,
  - *requirements for defining and maintaining minimum safety requirements for road tunnels.*



Developed and submitted to interested ministries and state and road agencies, and non-governmental organizations for comments the ***Draft on the Road Safety Audit Manual and the Road Safety Auditor Qualification and Training Regulation***

# SAFE ROAD INFRASTRUCTURE

## Improvements to road traffic facilities and "Black Spots"

- ✓ In 2022-2024, 47 "black spots" improvement works on 6 interstate and 4 national highways, and inventory of new "black spots" areas
- ✓ As part of the road renovation and reconstruction works, in 2024, *approximately 9,433 road signs* were installed and restored.
- ✓ In 2025, we are implementing **10 "Black Spot"** programs, the source of financing: the State Budget
- ✓ In 2026-2028, will be implemented a total of **60 "black spot"** programs, the source of financing: the State Budget

## Implementation of RSA

N	State roads	Implementation of RSA
1	Interstate roads (highways)	2026
2	Interstate roads + National roads	2027
3	All State Roads (Interstate roads + National roads + Local roads)	2028

## Conducting road safety impact assessment

Network-wide road safety impact assessment will be carried out to assess the adequacy of State road safety indicators by 2029.



# SAFE VEHICLES

## Legislative reforms

- ✓ Regulations have been established for the *use of electric scooters* (personal mobility devices), which stipulate that the use of electric scooters is permitted to persons over 18 years of age, as well as personu over 16 years-old who have the right to drive a vehicle of the "AM" subcategory.
- ✓ Regulations have been established on the *professional qualification and periodic professional training of drivers holding driving* licenses of categories "C", "D", "CE", "DE", "C1E", "D1E"
- ✓ A package of legislative drafts regulating the process of technical inspection of vehicles has been developed, which, among other regulations, also defines:
  - the qualification requirement for specialists at technical inspection stations;
  - the requirement that the vehicle must have undergone a technical inspection before concluding a contract with an insurance company;
  - a mandatory requirement to use speed limiters in vehicles of categories M3 (Vehicles with a maximum mass exceeding 12 tonnes used for the carriage of goods) and N3 (Vehicles with a maximum mass exceeding 12 tonnes used for the carriage of goods).



# SAFER ROAD USERS

## AWARENESS CAMPAIGNS, EDUCATIONAL PROGRAMS

- ✓ The national campaign *"Safety is in your actions"* was implemented using international EASST (Eastern Alliance for Safe and Sustainable Transport) training materials, which aimed to reduce the number of serious road accidents on Armenian roads.
  - Over **155,163 schoolchildren** participated in the campaign, including **87,443 6-10-year-old** and **67,720 11-14-year-old schoolchildren**.
- ✓ A road safety educational and **public awareness campaign "Safe Village"** was implemented, within the framework of which **16,397 overall number of schoolchildren** in targeted schools in 83 rural settlements out of 85 communities included in the program.
- ✓ UNICEF, in collaboration with UNDP, Police and the Ministry of Education and Science, developed and piloted a road safety and injury prevention educational program for young children under **6-year-old** and parents, engaging **over 500 children and 800 parents**.

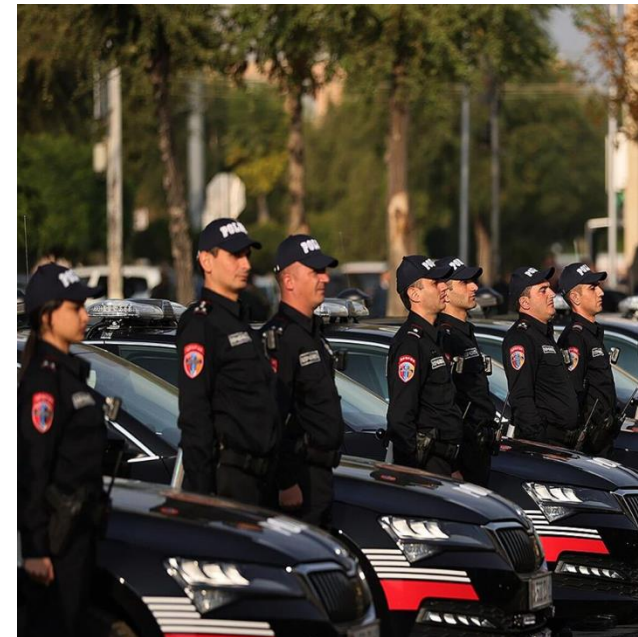
### *It is planned (perspective):*

*The road safety national awareness campaign will be oriented on raising awareness among targeted groups about diverse topics regarding road safety importance.*



## SAFER ROAD USERS

- ✓ **Introduction of a driver penalty points system**
  - Since 2020, the Republic of Armenia has been implementing *a penalty point system* as an additional type of *penalty for traffic violations*. Thanks to the introduction of the system, the driving license of persons who commit a large number of violations is suspended, and if such behavior continues, these persons are deprived of the driver's license.
  
- ✓ **Formation and operation of the Patrol Service**
  - Since mid-2021, the Road Police, within the RA Police, has been *transformed into a patrol service*, which was initially introduced in the capital city Yerevan and then gradually in the regions of Armenia. One of the *main functions of the patrol service is also the regulation of road traffic safety*.
  - Since October 2023, the Patrol Service has been operating in all regions of Armenia.
  - In 2024, the Patrol Service detected about *940 thousand violations of traffic rules*, which is *261 thousand, or about 40%, more than in 2023*.



# POST-CRASH RESPONSE

In the last few years, several reforms have been implemented in the emergency medical services.

- ✓ In Armenia, the time between registering a traffic accident and providing first aid *does not exceed 15 minutes*.
- ✓ In 2023, the *Republican Ambulance Service* was established, which aims to launch a unified ambulance service throughout the territory of the Republic of Armenia.
- ✓ The Japanese government has donated 39 new modern ambulances; the new fleet will serve Yerevan's ambulance service.
- ✓ The government of South Korea has donated 6 ambulances that meet international standards, which will update the fleet of the Republican Ambulance Service.
- ✓ A sanitary aviation service has been introduced, through which the helicopter transportation of accident victims from remote regions of the Republic of Armenia to leading medical centers in the capital is organized to organize the most qualified specialized medical care.
- ✓ Armenia plans to conduct joint exercises with the doctors of the Emergency Service and Police patrol and Rescue officers.



# SAFE ROAD INFRASTRUCTURE

## INTERNATIONAL COOPERATION

### ✓ **Global Road Safety Facility (GRSF), World Bank**

“Enhancing Armenia's Road Safety: Identifying Key Improvements in Safety Management and Developing a Sustainable Road Infrastructure Program”

The grant will fund the following two key activities:

- Review of Armenia’s Road Safety Management;
- Road Safety Risk Assessment of Strategic High-Risk Corridors.

### ✓ **Asian Development Bank**

Project proposal requirement

- iRAP Armenia – Pilot Project: “Technical and Financial Proposal for iRAP Armenia Capacity Building and Pilot Project”
- Establishment of an institutional framework for road safety management. The best model of Road Safety Leading Agency for Armenia
- Methodological support to Armenia in the implementation of measures for vulnerable road users: elderly, cyclists, children, disabled, etc.
- Methodological support for the development of the manual for calculating the average social cost of a fatal accident and the average social cost of a severe accident occurring in its territory

### ✓ **European Union**

Project proposal requirement

- Twinning project proposal: Improvement of Road Infrastructure/Tunnel Safety Management in Armenia
- Processing and implementing road safety awareness campaigns
- Road Safety and Digitalisation Programme, Armenia (EPIC-Eastern Partnership Investment in Connectivity)



# Thank you

