



REPUBLIC OF MACEDONIA
Ministry of Transport and Communications

Fourth Annual Stakeholders' Conference
THE DANUBE REGION TRANSPORT DAYS 2018
EUSDR PA1b coordinators¹ with support of EIRA- EuroRAP and UNECE
(S6: Road Safety in the Danube region with focus on infrastructure, Panel on
How to set-up a national Road Safety Policy)
Tuesday and Wednesday, 4th - 5th December 2018
Ljubljana / Slovenia

How to set-up a national Road Safety Policy in the Republic of Macedonia

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INTRODUCTION (ROAD NETWORK)

The road network of State Roads (motorway, national, regional and local roads) in Republic of Macedonia comprises around 14.157 km:

- motorway is 242 km (1,7%),
- national roads is 911 km (6,4%),
- regional roads is 3.771 km (26,6%) and
- local roads 9.258 km(65,3%)



The registered number of vehicles is about 440.000, the number of private cars (around 84%) prevails.

The Average Annual Daily Traffic (AADT) in 2017 is:

AADT at Corridor 10 = 7.521 vehicles and
AADT at Corridor 8 = 7.141 vehicles





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INTRODUCTION (RESPONSIBLE BODIES)

Responsible bodies for road safety in the Republic of Macedonia:

Government - coordinates activities for implementation of the National Strategy for Road Safety through a National Coordination Body for road safety

Ministry of Transport and Communications - central and highest State body in the area of transport including road safety at national level, also responsible for technical regulations and standards for design and construction of roads and signaling.

The Ministry of Interior - in charge of establishing and maintaining a central registry of identified accidents. Traffic Police is responsible for law enforcement and traffic safety on the roads.





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INTRODUCTION (RESPONSIBLE BODIES)

Public Enterprise for State Roads- owner of the national and regional road infrastructure, responsible for planning the construction, reconstruction, maintenance, operation and protection of the state roads, monitoring and analysis of the conditions in relation to the construction, reconstruction, maintenance and protection of the state roads.





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INTRODUCTION (RESPONSIBLE BODIES)

Republic Council on Road Traffic Safety (RCRTS) – advisory body, appointed by the Assembly mainly performs transfer of information, organizes campaigns, meetings, web pages, portals and electronic forums.



Public enterprise for maintenance of public roads PE "Makedonija pat"—responsible for regular and winter maintenance of state roads, construction and installation of vertical and horizontal signaling, protection of roads





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CAMPAIGNS

Republic Council on Road Traffic Safety (RCRTS) has been working on creation of different actions and campaigns in order to increase the awareness of road safety in the Republic of Macedonia and to take preventive measures. Some of the campaigns are:

- Organizing and conducting a campaign for safe behaviour in traffic during the **graduation nights (proms)**.



- **Organization and implementation of the campaign “Stop for medicines in the traffic”**, which goal is raising the public awareness on harmful consequences from use of medicines when driving a vehicle.



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CAMPAIGNS

- The **“The safety of the children in the traffic”** is campaign that was created to draw attention to the most important topics in the field of the safety of the children in traffic, such as the acquisition of knowledge about the essential traffic rules and the acquisition of basic skills, of which, for this age group the most important are the proper crossing the street, the importance of using the seat belt in a vehicle and the importance of wearing reflective belts/clothes;
- **Safe schools-safe children** and many more.



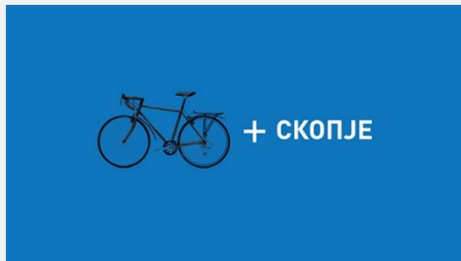
- **Internet campaign** with a specific traffic rules, aimed at using the Internet space to educate the target groups for specific traffic rules and procedures.



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CAMPAIGNS

- Campaigns for **improving the safety of pedestrians and cyclists** in the traffic.



- Campaign „**Drive carefully, arrive alive**“ which organizes Alco-patrols in nightclubs, bars and parties around the major Macedonian cities.





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INTRODUCTION (OTHER INVOLVED BODIES)

- **Ministry of Education and Science**
- **Ministry of Health**
- **Ministry of Economy**
- **Secretariat of European Affairs**

Other organizations such as:

- **Automobile and Motorcycle Association of Macedonia**



- **Universities**
- **Non-governmental organizations (NGO), etc.**



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ROAD SAFETY SITUATION 2017/2016/2015

Year 2017:

- The total number of road accidents = 4.019
- The number of road accidents with road deaths = 137 with 155 road deaths,
- The number of road accidents with injuries = 3.882 with 6.224 injured persons.

Year 2016:

- The total number of road accidents = 3.904
- The number of road accidents with road deaths= 152 with 165 road deaths,
- The number of road accidents with injuries = 3.752 with 5.971 injured persons

Year 2015:

- The total number of road accidents = 3.854
- The number of road accidents with road deaths = 135 with 148 road deaths,
- The number of road accidents with injuries = 3.719 with 5.913 injured persons.

In 2017 around **63%** of road accidents are in **urban areas**, around **14% in rural areas**, and **23%** of road accidents are recorded on **highways, national and regional road**.

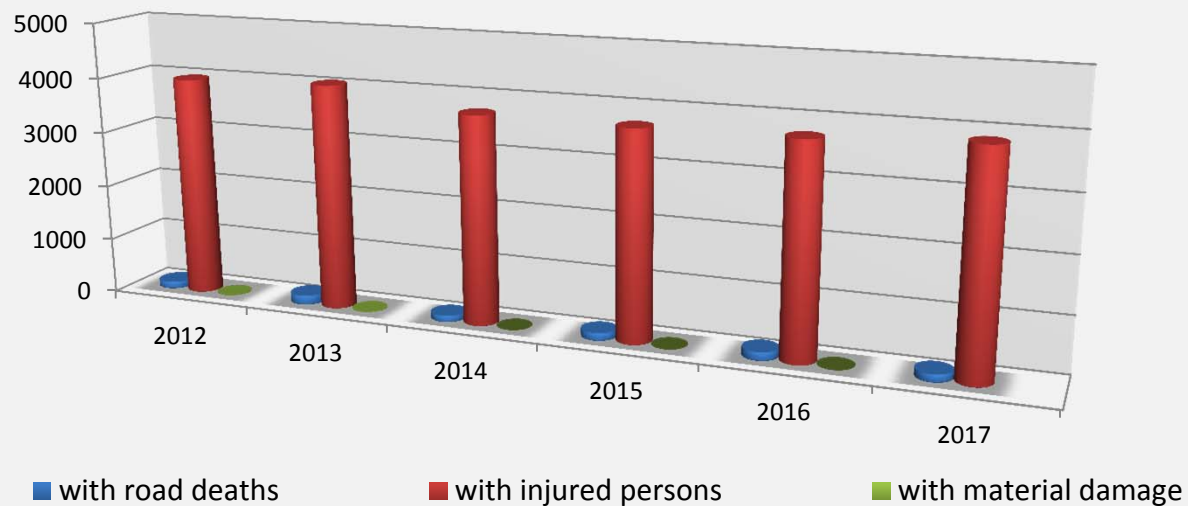


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STATISTICS (ACCIDENTS, ROAD DEATHS, INJURED)

The statistical data about road accidents, classified by types of consequences for the years 2012 – 2017 provided by the Ministry of Interior are the following:

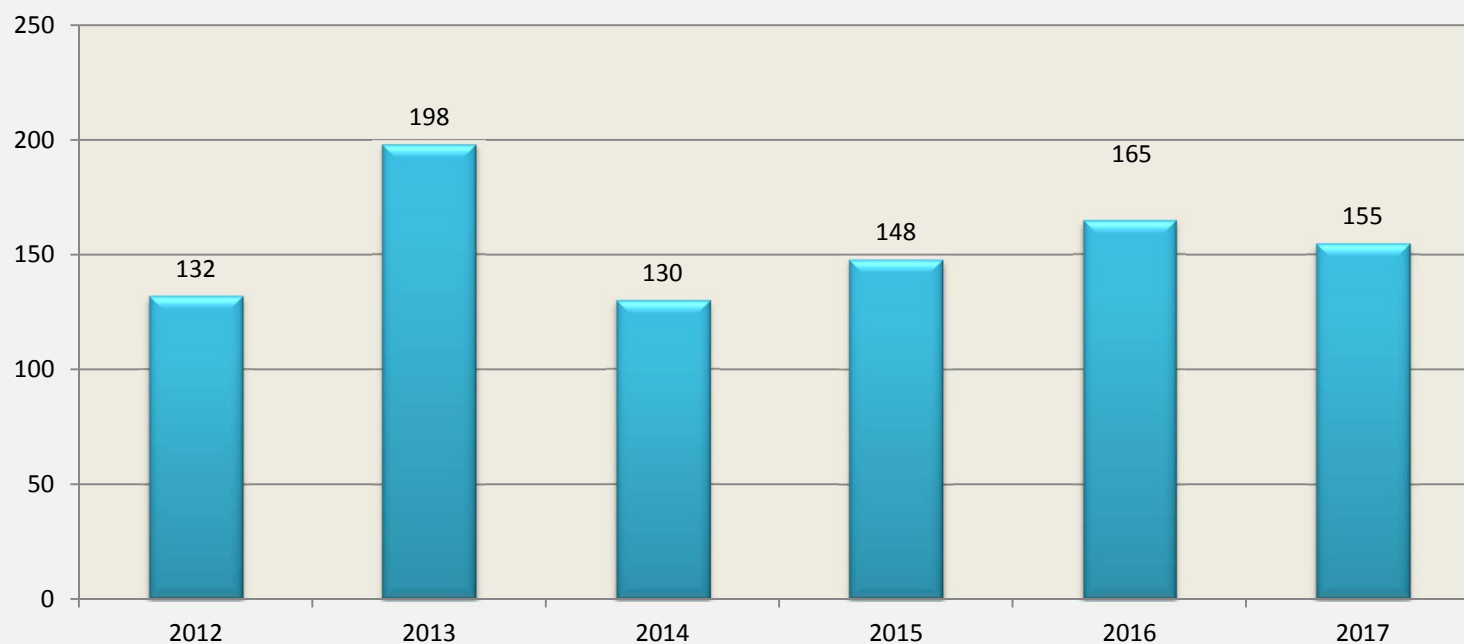
Year	2012	2013	2014	2015	2016	2017
with road deaths	124	170	115	135	150	137
with injured persons	3,984	4,060	3737	3719	3,752	3,882
with material damage	3	6	1	0	2	





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STATISTICS (ACCIDENTS, ROAD DEATHS, INJURED)

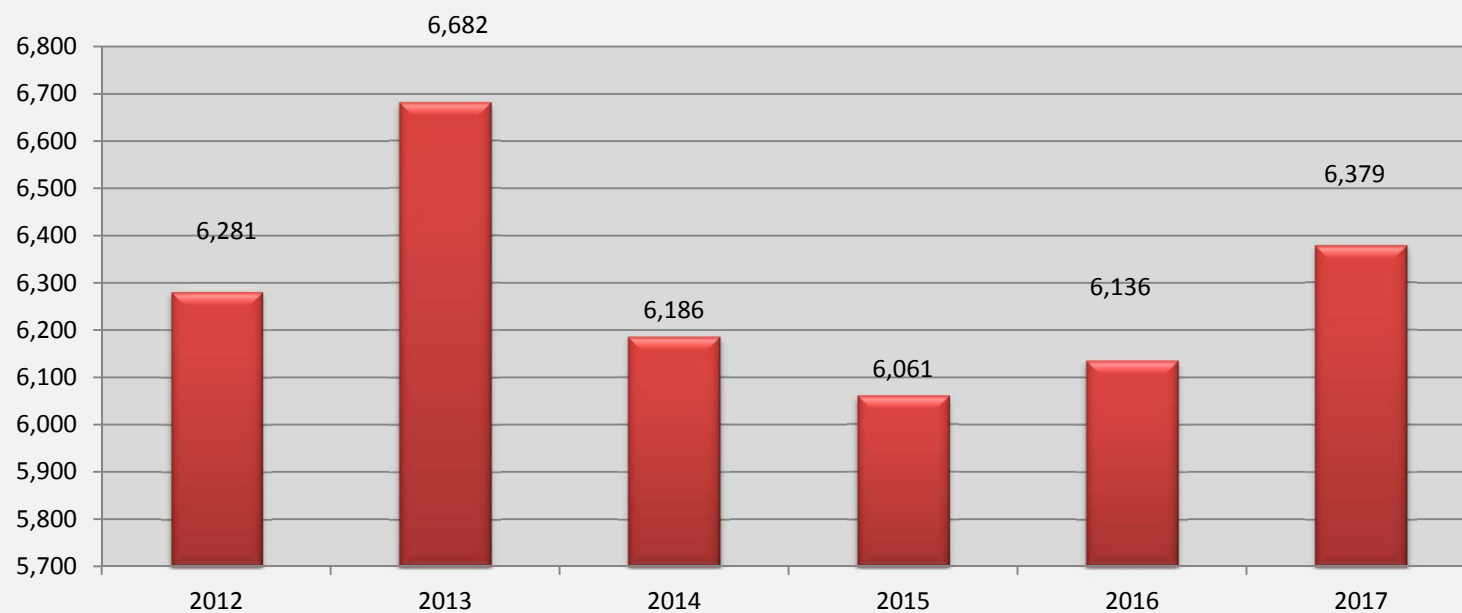


Annual road traffic deaths in last five years (2012-2017)



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STATISTICS (ACCIDENTS, ROAD DEATHS, INJURED)

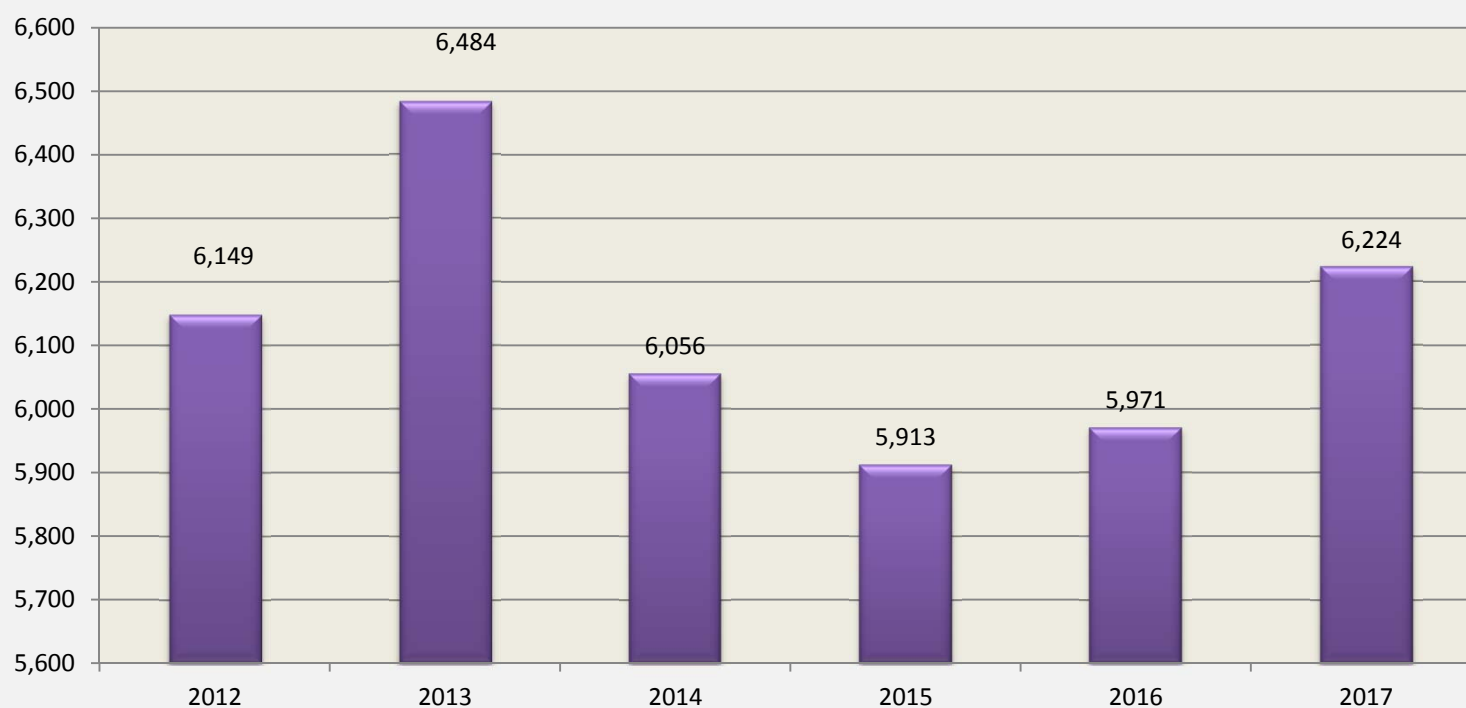


Annual road traffic casualties (injured+deaths) in last five years (2012-2017)



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STATISTICS (ACCIDENTS, ROAD DEATHS, INJURED)



Annual road traffic injured in last five years (2012-2017)



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STATISTICS (ACCIDENTS, ROAD DEATHS, INJURED)

2017	Road deaths by age						
	total	0-14	15-19	20-24	25-40	41-60	65+
total	155	4	14	18	34	52	33
vehicles	77	-	9	7	23	29	9
passengers	44	3	4	9	8	13	7
pedestrians	34	1	1	2	3	10	17

2017	Injured persons by age						
	total	0-14	15-19	20-24	25-40	41-60	65+
total	6.224	653	592	841	1.992	1.717	429
vehicles	2.861	52	199	403	1.150	910	147
passengers	2.443	377	302	384	691	561	128
pedestrians	914	223	90	54	148	245	154
other	6	1	1	0	3	1	0



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STATISTICS (ACCIDENTS, ROAD DEATHS, INJURED)

Summary of number of road accidents, road deaths and injured persons per 100.000 habitants in the period 2012 - 2017

Year	per 100.000 habitants		
	accidents	road deaths	injured
2012	199.3	6.4	298.2
2013	205.5	8.2	196.9
2014	176.5	5.25	170.9
2015	176.2	6.76	270.4
2016	178.5	7.54	273
2017	183.7	7.1	284.6



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STATISTICS (ACCIDENTS, ROAD DEATHS, INJURED)

Main reasons for road accidents with severe consequences in the period 2012 - 2017

YEAR	2012	2013	2014	2015	2016	2017
Speeding	863	929	830	788	820	759
Disrespecting the right-of-way	602	652	671	608	572	574
Improper driving and turning	435	480	474	447	391	462
Pedestrian mistakes	200	189	159	161	161	101
Wrong-way and wrong-side driving	649	682	577	539	441	462
Improper overtaking	192	183	151	150	134	121
Driving under influence of alcohol	138	144	86	123	332	300
Other	1032	977	905	1038	1020	1211
Total	4,111	4,236	3,853	3,854	3,871	3,990



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CURRENT ROAD SAFETY SITUATION

The Government of the Republic of Macedonia (particularly Ministry of transport and communications MoTC) has strong commitment for improving the overall safety system comprising all transport modes. Safety standards will be oriented towards EU best practices.

Safety and personal security concerns associated with transport will be addressed in order to improve the quality of life of the citizens.

The Government welcomes active participation of all road users, as well as participation of all affected target groups in terms of safety in transport in the process of improving the safety regulations and in the process of monitoring and evaluation.



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ROAD SAFETY POLICY (LEGISLATION AND STRATEGIES)

LEGISLATION

The applicable national laws treating road safety are:

- Law for Public Roads
- Law for Road Traffic Safety
- Law for Construction
- Law on Transportation
- Law on Transportation of Dangerous Goods
- Law on Vehicles
- Law on insurance in the traffic
- Law on spatial and urban planning etc.

In July 2015 the **Law for Public Roads** was amended in terms of introducing the RSA and RSI which will be applicable from the accession of the Republic of Macedonia in the European Union (this will be amended).



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ROAD SAFETY POLICY (LEGISLATION AND STRATEGIES)

STRATEGIES

Road safety strategy

Republic Council on Road Traffic Safety (RCRTS) is in charge for preparing and publishing of the Road Safety Strategies:

- First national road safety strategy 2010-2015
- Second national strategy of the Republic of Macedonia for promotion of the road traffic safety 2015 – 2020;
- The strategies were adopted by the Assembly of the Republic of Macedonia.

National Transport Strategy-NTS (2018-2030)

➤ **Overall objectives of the NTS:**

The overall objective of the National Transport Strategy is to develop a harmonised transport sector that is internationally compatible and integrated in the TEN-T system that stimulates the economic and social development of the country, preserves the environment, and secures the needs of future generations.

➤ **The General objectives:**

GO1: Strengthen EU integration and promote regional cooperation (International dimension of all transport modes)



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ROAD SAFETY POLICY (LEGISLATION AND STRATEGIES)

National Transport Strategy-NTS (2018-2030) cont.

The General objectives (cont.):

GO2: Contribute to the improvement of the economic sustainability at the national level (National dimension of all transport modes & urban transport)

GO3: To introduce green mobility and logistic focused to environmental performance of the Transport sector (all transport modes & urban transport)

GO4: Establishment of reliable and safe transport system (all transport modes & urban transport)

Under GO4: there are 3 Specific objectives:

4.1. Improve transportation safety (all modes)

4.2. Improvement of road traffic and infrastructure safety (incl. Urban transport safety)

4.3. To introduce IT technologies and Implementing Intelligent Transport Systems (ITS) in the transport sector (all modes);



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ROAD SAFETY POLICY (LEGISLATION AND STRATEGIES)

National Transport Strategy-NTS (2018-2030) cont.

- High number of road traffic deaths and serious road traffic injuries is a major problem causing unacceptable human suffering and significant economic loss.
- Updating the Road safety strategy and action plan would be an effective tool for better road safety management. The government commits to adopting aspirational targets for halving the number of fatal and serious road traffic injuries from 2020 to 2030, in line with the fatality and injury targets applied in the EU and at the UN level, and adopts the necessary complementary measures to reach these targets.
- Considering the importance of guaranteeing the safety of road and transport, most policy, operation and services safety measures (i.e. road safety inspections and audits; set up a coordination mechanism between police forces and justice ensuring the full implementation and strict enforcement of road safety legislation, updating road safety strategies and formulation of an action plans, improving the quality of systematic and consolidated data collection on road traffic deaths and serious road injuries in line with existing EU standards and definitions-CARE data model, and increased safety awareness) are to be realized in the short to mid term future, with the firm commitment for the measures and initiatives being operational in the next four years.



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ROAD SAFETY EXECUTIVE BODY (LEAD AGENCY)

Main reasons for introducing the Executive body (Lead Agency):

- Facts and figures presented above in terms of the overall effectiveness and efficiency of the road safety system in the Republic of Macedonia
- Reports from World Bank requested from the Republic of Macedonia in terms of expertise and assistance for the establishment of a more effective system for the management of road safety in the Republic of Macedonia,

Results and next steps:

- Proposal of the Ministry of transport and communications-MoTC in form of an information note adopted by the Government of the Republic of Macedonia, a proposal for establishing an Executive body (Lead Agency) that will have ultimate responsibility for improving road safety situation in country.
- Established Working Group-WG from all relevant stake holders-Decision from the Minister of transport and communications. (lengthy and not so effective process)
- MoTC submitted an application to DG NEAR within the CONNECTA (a new mechanism for supporting the reform measures for improving the connectivity in the region) with a request for "Technical Assistance for the Establishment of an Executive Body for Road Traffic Safety".
- It is envisaged that the technical assistance will be in the form of experts in this area that will support the established working group in terms of:
 - a concrete proposal for establishing an executive body for traffic safety management;
 - draft systematization of the proposed executive body for traffic safety management;
 - draft budget for the executive body for traffic safety management;
 - means of financing the executive body for traffic safety management;
 - analysis of the necessary legal changes to the relevant regulations (laws and bylaws)



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ROAD SAFETY PROJECTS

Projects in relation to improvement of road safety:

- ✓ Preparation of Study and Action plan for improvement of road safety along SEETO Comprehensive Network (IPA I)
- ✓ Projects for improvement of Road safety under IPA II
- ✓ iRAP and Road Safety Assessment Program



- ✓ Reconstruction and placement of traffic signs and road markings on certain interchanges along Corridor X
- Procurement of RAMS Software, Road Measurements and Consultancy Services

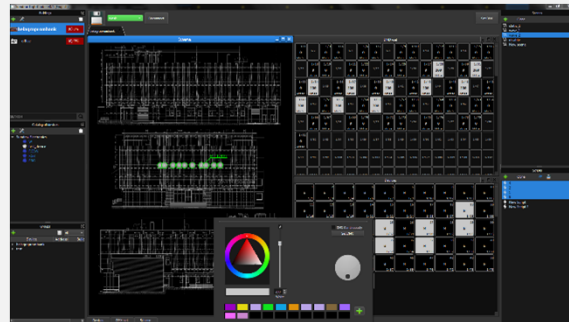




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ROAD SAFETY PROJECTS

- ✓ System for Monitoring and Management of lighting has been tailored for the exiting lighting infrastructure on the intersection, state roads, bypass, tunnels and etc. and implementation of energy efficient lighting.



- ✓ International Road Safety Advisor to provide Technical Assistance to Public Enterprise for State Roads, with the main 3 tasks:

- Task 1** - Advisory services to establish a Road Safety Unit (RSU) in PESR and provide staff on the job training;
- Task 2** - Prepare road safety audit (RSA) guidelines and manual and carry out on-the-job capacity building in PESR to consider road safety recommendations;
- Task 3** - Advisory service to support PESR's efforts to develop a nation-wide road safety program including the identification of black spots.



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Thank you for your attention!



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