2nd Working Group 1 Meeting Institutional Coordination and Data Systems Knowledge Exchange Workshop March 5th, 2018 Tbilisi, Georgia



Road safety management and coordination. Crash data as a basis for determining effective policy measures, allocation of resources and measuring the progress.

MARIYA IVCHENKO





'EVIDENCE BASED AND DATA DRIVEN' ROAD SAFETY MANAGEMENT

Quantitative road safety targets require better structured approach to road safety management:

- Data-driven problem identification
- Development of evidence-driven countermeasure packages formalised in a Strategy
- Transparent lines of institutional accountability



Realistic Targets

- Road Safety Strategy and Road Safety Action Plan
- Monitoring Progress

THE IMPORTANCE OF HIGH-QUALITY ROAD SAFETY DATA

ROAD SAFETY MANAGEMENT



INDICATORS OF ROAD SAFETY WORK

INDICATOR: where we are,

where we are going and how far we are from the goal

Indicators related to the road safety activities in relation to the **PROBLEMS IN THE AREA**

Indicators related to the ENGAGEMENT OF HUMAN RESOURCES

INDICATORS OF ROAD SAFETY WORK

Indicators related to the **ACHIEVED RESULTS**

Indicators related to **MEASURING PERFORMANCE OF ROAD SAFETY WORK - BENCHMARKING**

Coordination at national level

Leading Agency???

National Road Safety Council???

Government

Ministry in charge for Transport

Ministry of Interior – Traffic police

Ministry of Health

Ministry of Education

Public Agency for State Roads

Local communities (cities and municipalities)

National office for statistics

Republic geodetic authority



Road Safety Strategy and Road Safety Action Plan
Road Safety ROADMAP
Legal act(s) important for activities of road safety

IMPORTANCE OF ROAD ACCIDENT DATA – Road accidents trend analysis in accordance with the EaPCs road safety goals



Evaluation of road safety situation in EaPCs basis of:

- the number of **fatalities**,
- the number of fatalities per 100 000 population,
- the number of **fatalities per 10 000 vehicles**.

MONITORING OF THE ROAD SAFETY STATUS



The number of road accidents with casualties

The number of road deaths

IMPORTANCE OF ROAD ACCIDENT DATA – Road accidents trend analysis in accordance with EC road safety goals







EUROPEAN COMMISSION

Brussels, 20.7.2010 COM(2010) 389 final

National road safety strategies targets

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

Towards a European road safety area: policy orientations on road safety 2011-2020

Evaluation of road safety situation in EaPCs basis of:

- the number of fatalities,
- the number of fatalities per 100 000 population,
- the number of **fatalities per 10 000 vehicles**.

IMPORTANCE OF ROAD ACCIDENT DATA – Trend analysis in accordance with EC or UN road safety goals – example from SEETO countries



The SEETO Regional Participants are still **far away** from <u>reaching the target of European Commission</u>!

In order to achieve the EC goal, the reduction in road deaths by even 41,3% by 2020 is needed, comparing to 2015.

European Commission objectives

Lovel 1 EC pillars -		Lovel 2 FC pillars
objectives / indicators		indicators
14,3		
Objective no 1: Improve education and	25	
training of road users	2.0	Strategic basis
	20	The quality of Pre-test learning
	20	The quality of Driving license test
	25	The quality of Post-license training (professional drivers)
	10	The quality of Post-license training
14,3		(drivers with disabilities and over 65)
Objective no 2: Increase enforcement of	25	Cross-border exchange of
road rules	25	information in the field of road safety
	25	Enforcement campaigns
	25	Vehicle technology to assist enforcem ent
14,3	25	National enforcement objectives
Objective no 2. Safar read infractivisture	20	State aid badis
Objective no 3: Sajer road infrastructure	25	Legal basis
	35	Teols usage
	20	Pood Safaty Infrastructure Projects
14.3		Road Safety Initastructure Projects
	2.0	
Objective no 4: Safer vehicles	30	Strategic basis for Safer vehicles
	40	Vehides of today
	30	Vehicles of tomorrow
14,3		
Objective no 5: Promote the use of	20	Strategic basis for ITS
modern technology to increase road safety	35	ITS Directive
	25	ITS for Enforcement
14.3	20	Other ITS
14,5		
Objective no 6: Improve emergency and	35	Emergency services
post-injuries services	35	Monitoring of road accidents and
	30	consequences Socio-economic costs of road
14.3	- 50	accidents and definitions
Objective no 7: Protect vulnerable road users	25	Powered-two-wheelers (PTWs)
	25	Pedestrians, cydists
	25	Elderly people and people with disabilities
	25	Children

Benchmarking as a part of road safety management

EC 7 objectives vs UN 5 Pillars

- 1. Traffic safety management
- 2. Vehicle safety
- 3. Roads
- 4. Road users
- 5. Post crash activities



UN 5 Pillars – Benchmarking based on UN 5 pillars

Benchmarking as a part of road safety management



IMPORTANCE OF ROAD ACCIDENT DATA – Benchmarking and data analysis – Example from Serbia



MONITORING BASED ON BENCHMARKING AND ROAD ACCIDENT DATA – Example from SEETO countries



CONCLUSION



THANK YOU FOR YOUR ATTENTION!

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