

2<sup>nd</sup> Working Group 1 Meeting  
Institutional Coordination and Data Systems  
Knowledge Exchange Workshop  
March 5<sup>th</sup>, 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.

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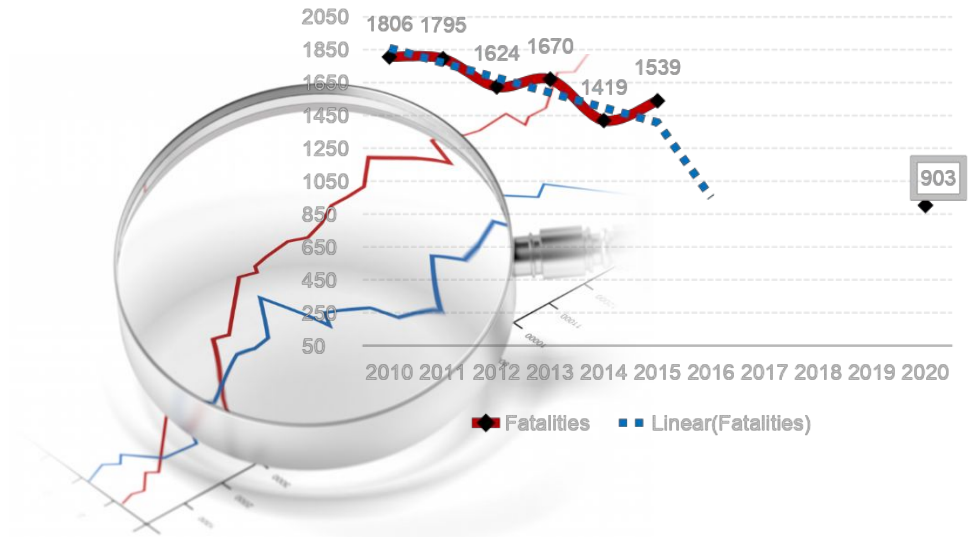
MARIYA IVCHENKO



# '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

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What is the problem?

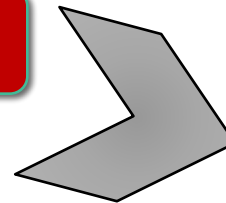
FIELD OF WORK

Where is the problem?

LOCATION

How to manage the problem?

CURRENT SITUATION



DESIRED SITUATION

# INDICATORS OF ROAD SAFETY WORK

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**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

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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

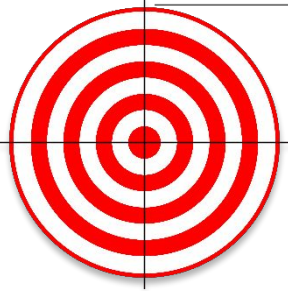
Republic geodetic authority

...



- 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



**EaP TARGET:** 25% reduction in road deaths by 2020 compared to 2016



National EaPCs road safety strategies/targets

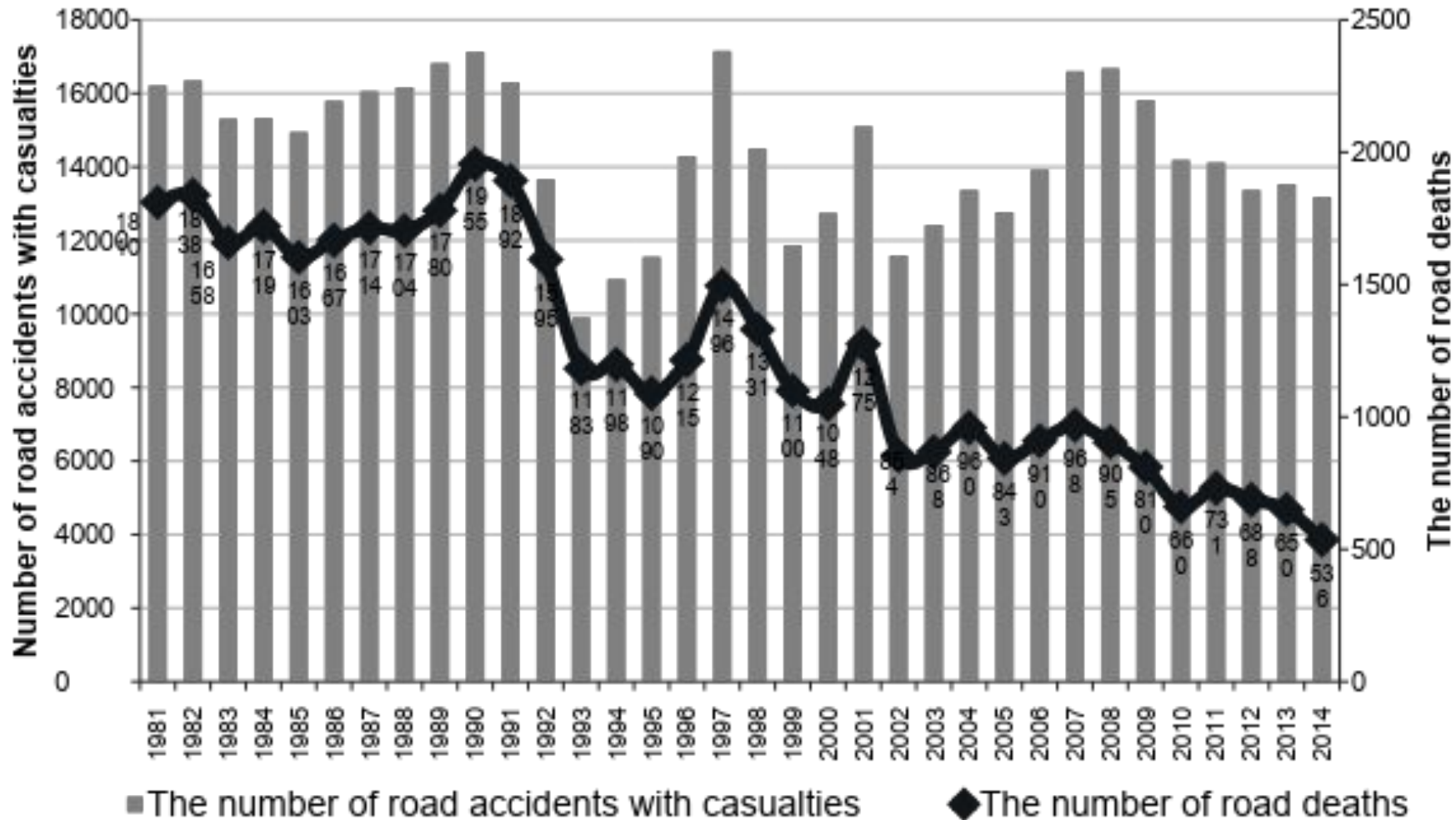
High political commitment:

Declaration on road safety to be endorsed on highest political level during the next TEN-T Days in Ljubljana on April, 27<sup>th</sup> 2018

## 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



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



**EC TARGET:** Halving the overall number of road deaths in the European Union by 2020 starting from 2010!



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

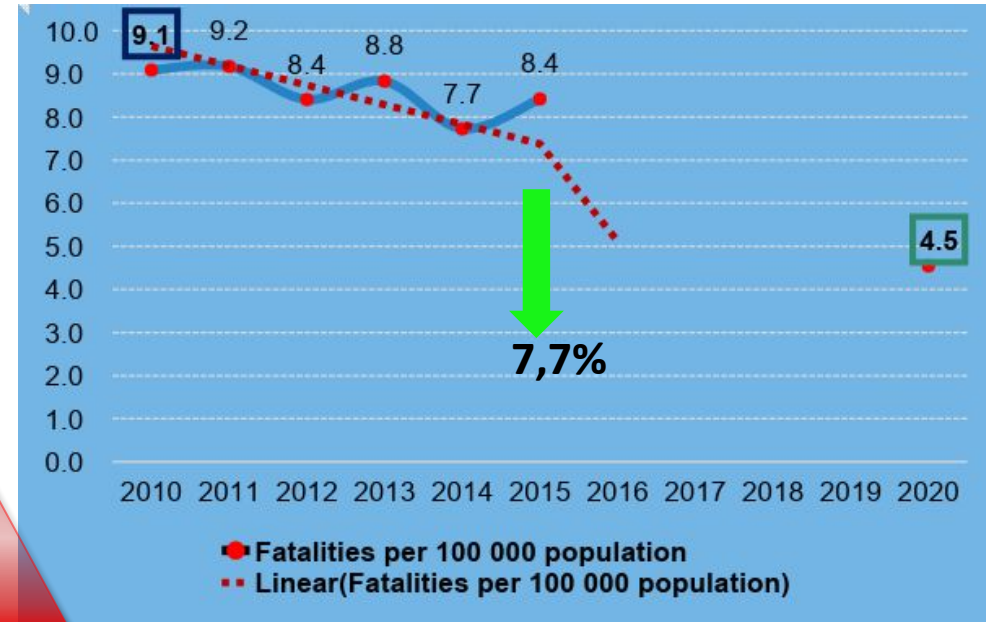
Towards a European road safety area: policy orientations on road safety 2011-2020

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 reaching the target of European Commission!

**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



# 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



**EFFICIENT ROAD  
SAFETY  
MANAGEMENT**

**SAFER ROADS**

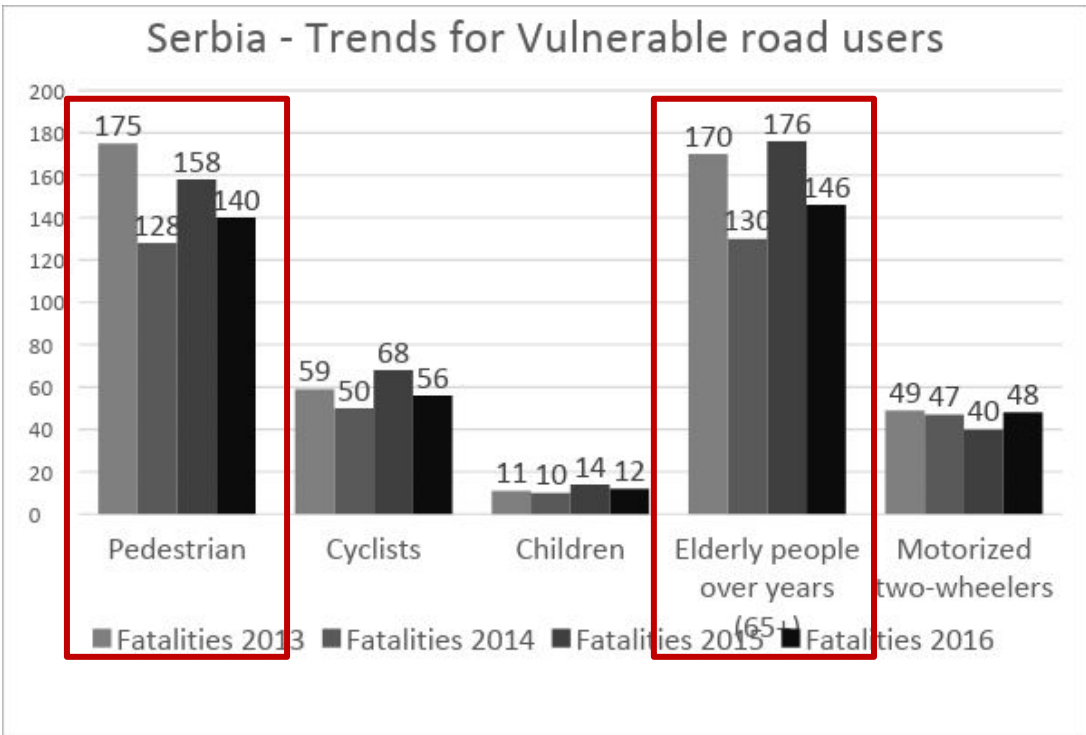
**SAFER VEHICLES**

**SAFER ROAD  
USERS**

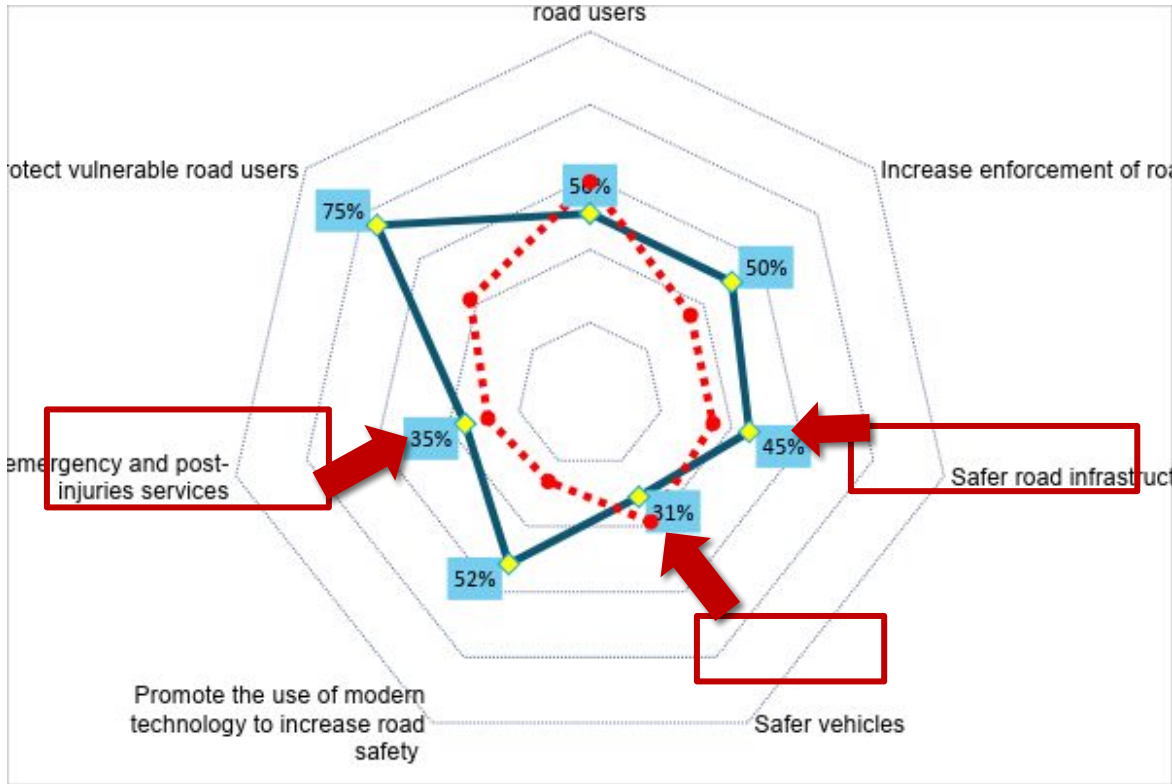
**POST CRASH  
CARE**

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

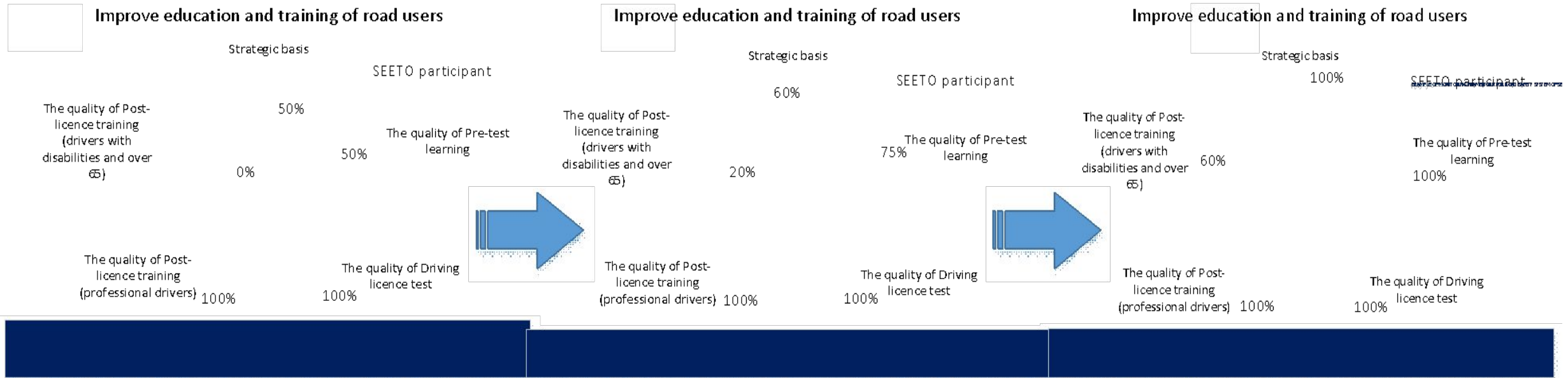
## Objective No. 7 – Protect vulnerable road users



## OVERALL IMPLEMENTATION OF EU 7 STRATEGIC OBJECTIVES FOR REPUBLIC OF SERBIA



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



# CONCLUSION

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IMPROVEMENT OF ROAD SAFETY DATA COLLECTION



QUALITY ROAD SAFETY DATABASE



IMPROVEMENT OF ROAD SAFETY WORK

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***THANK YOU FOR YOUR  
ATTENTION!***

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