The DANUBE REGION TRANSPORT DAY 2020 Sustainable Mobility and the Danube macro-region

STRATEGIC APROACH IN URBAN ROAD SAFETY MANAGEMENT – BELGRADE CASE STUDY -

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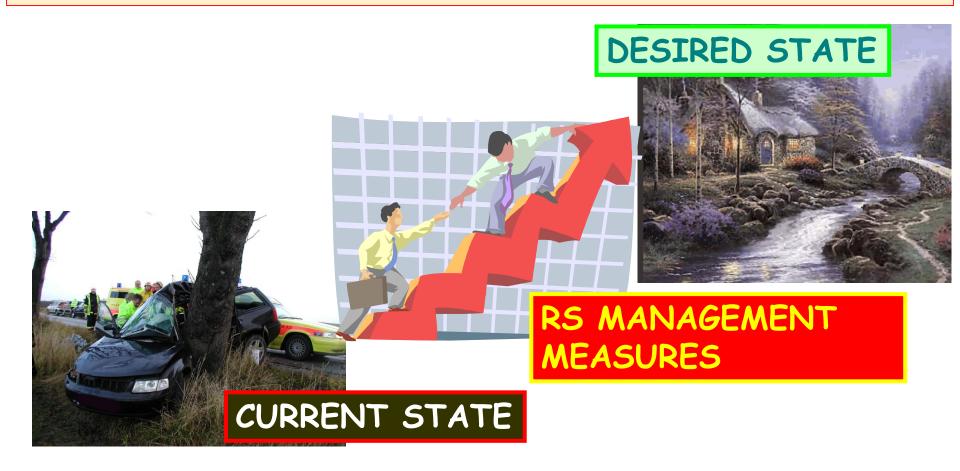
OVERVIEW OF THE PRESENTATION

- 1. What is URSM (urban road safety management)?
- 2. Preconditions for successful URSM
- 3. Monitoring current state of URS: traditional and modern approach
- 4. Defining desired state of URS: traditional and modern approach (2)
- 5. Three different types of the cities
- 6. Road safety system in Belgrade
- 7. RSP Indicators in Belgrade
- 8. RS targets in Belgrade (2)
- 9. Progress monitoring in Belgrade

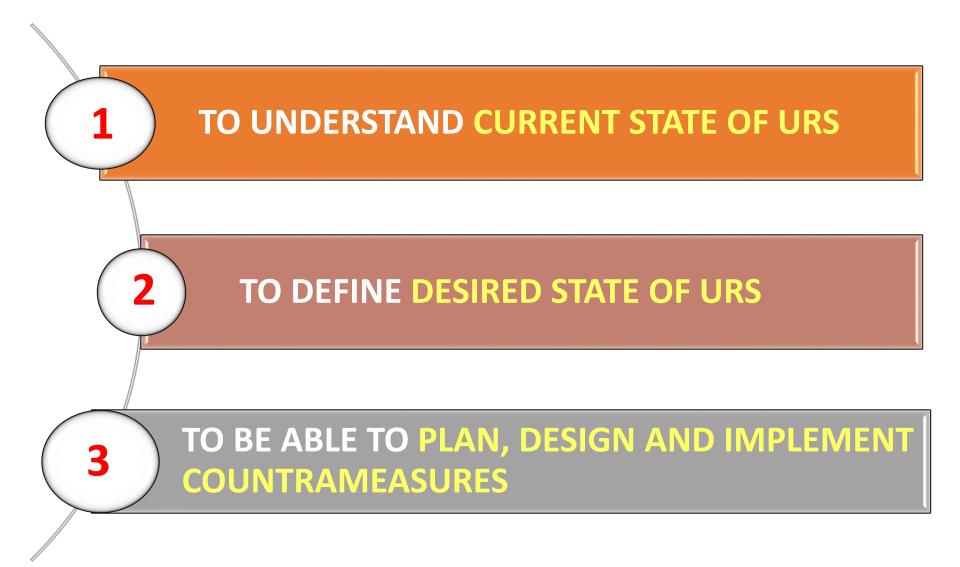
10. Modern approach of strategic URSM / conclusions 2

WHAT IS URSM (URBAN ROAD SAFETY MANAGEMENT)?

URSM is the process of monitoring **Current state** of URS, defining **desired state** and implementing **measures** aimed to move current state to the target state of URS.



PRECONDITIONS FOR SUCCESSFUL URBAN ROAD SAFETY MANAGEMENT



TRADITIONAL APPROACH

Only FINAL OUTCOMES: ROAD
CRASHES AND CONSEQUENCES

MODERN APPROACH

• RS SISTEM

- EXISTANCE, CAPACITY AND INTEGRITY
- OF THE INSTITUTIONS AND INDIVIDUALS
- RS **CULTURE** (KNOWLADGE, ATTITUDES, AWAIRNES)
- RS PERFORMANCE INDICATORS (BEHAVIOR)

 IT IS NECESSERY TO HAVE REGULAR SURVEY OF THE SYSTEM, ATTITUDES, RSP INDICATORS, ROAD CRASHES AND CONSEQUENCIES

TRADITIONAL APPROACH

ONLY FINAL OUTCOMES: ROAD
CRASHES AND CONSEQUENCES

MODERN APPROACH

RS SISTEM

- EXISTANCE, CAPACITY AND INTEGRITY
- OF THE INSTITUTIONS AND INDIVIDUALS
- RS CULTURE (BELIEFS, KNOWLADGE, ATTITUDES, AWAIRNES)
- RS PERFORMANCE INDICATORS (BEHAVIOR)

TRADITIONAL APPROACH

• ONLY FINAL TARGETS (LAST YEAR)

MODERN APPROACH

• FINAL TARGETS

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• RS SYSTEM, ATTITUDES, RSP INDICATORS, ROAD CRASHES

INTERMEDIATE TARGETS / FROM YEAR TO YEAR

TO **QUANTIFY** FINAL AND INTERMEDIATE TARGETS!!!

THREE DIFFERENT TYPES OF THE CITIES IN TERMS OF URSM

- 1. CITIES WHICH ESTABLISH RS SYSTEM FOR SUCCESFULL RSM (Oslo)
- 2. CITIES WHICH TRY TO MANAGE ROAD SAFETY, BUT... (Belgrade)
- 3. CITIES WHICH DON'T TRY TO MANAGE ROAD SAFETY (Many cities all over the world)

URS HAS TO BE BASED ON THE EVIDENCE AND ON THE SCIENCE!

ROAD SAFETY SYSTEM IN BELGRADE



Road safety budget: 2-3 milion euros

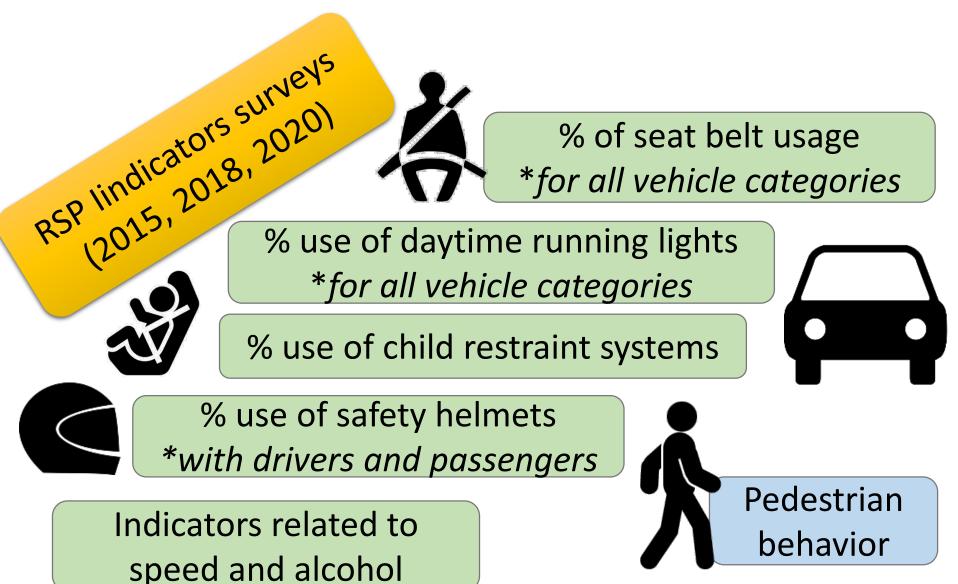
Institutions

- Road Safety Council
- Secretariat for Transport
- Traffic police
- Schools,
- Universities,
- 17 municipalities....

RS Documents

- Road safety strategy
- Road safety action plan
- Annual Road safety program...





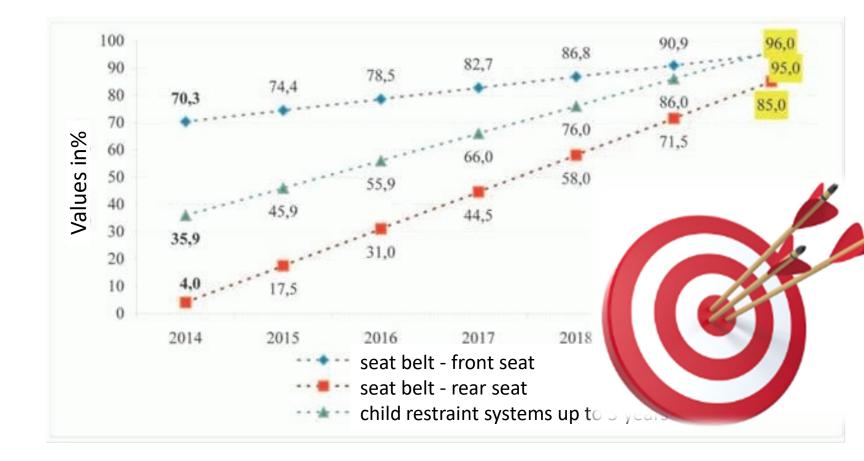
RS TARGETS IN BELGRADE

- To improve RS system
 - Improve capacity (No of new employees ...)
 - Improve integrity (No of trainings ...)
- To improve attitudes about RS and risk in traffic (Numbers)
- To improve RS indicators (Numbers ...)
- To decrease No of deaths and serious injuries (Numbers)

Final targets (2020)

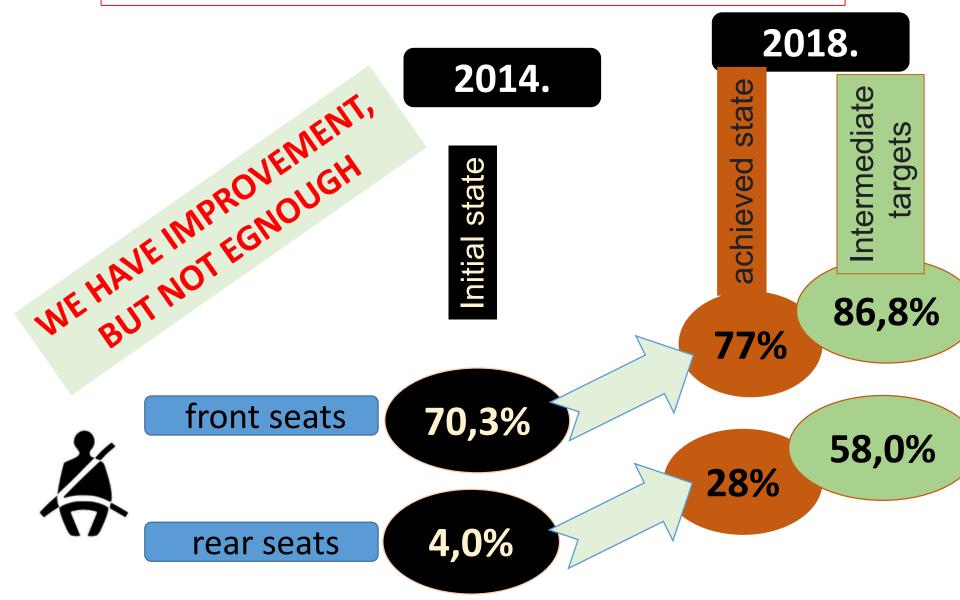
Intermediate targets (2016, 2017, 2018, 2019)

RS TARGETS (RSP INDICATORS)



The Road Safety Strategy also defines the intermedium and final goals related to the most important indicators

EVERY YEAR PROGRESS MONITORING AND EVALUATION COUNTERMEASURES



MODERN APPROACH OF STRATEGIC URSM - CONCLUSIONS -

Road safety based on science!

RS based on data

Targets in terms of:

- URS system,
- awareness and attitudes,
- **RSP indicators**

Targets in terms of final outcomes:

- deaths and
- serious injuries

Final and intermediate targets

Quantified targets!

Every year evaluation countermeasures!





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