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Institutional Coordination and Data Systems
Knowledge Exchange Workshop
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Pre-requisites for establishment of a well-developed road safety database

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Pre-requisites for establishment of a well-developed road safety database

Adopt the internal regulations or instructions by **Government** to **establishing National road safety database** or road safety data collection dedicated to one independent institution.

1

Recognized main stakeholders on National level for data collection process

2

Defined the **data sets and data structure** for each stakeholder

3

Main stakeholders should be: Mol – **Traffic police**, Ministry in charge for **Transport**, Ministry in charge for **Health**, State **Road Agency** and **institution in charge for establishing road safety database** (step 1)

4

Conducting study visits in some European countries in the aim of learning the best practice and sharing the implemented best practice in establishing National road safety database.

5

Pre-requisites for establishment of a well-developed road safety database – Important steps



Council Decision
93/704/EC



***Example of Paragraph – Republic
of Serbia – Road Traffic Safety Law***

The Law in Republic of Serbia that regulates road safety dataset and database field relevant to the road safety:

- Road Traffic Safety Law, Paragraph 9. and Paragraph 15
- The body that has obligation to establish and improve road safety database in Serbia is Road Traffic Safety Agency (RTSA)
- State Agencies and other public and private institutions have obligation by Law to give defined road safety data to the RTSA

***Example for Paragraph – Republic of Serbia – Road
Traffic Safety Law***

Paragraph 15.

For the purpose of continuous monitoring of road safety _____, the **Agency** proposes a common database system for recording and monitoring the most important characteristics of road traffic safety.

State authorities and other entities are required to submit to the Agency provided information on the features important to safety.

GOOD AND QUALITY ROAD SAFETY DATABASE

- Integration of various data relevant to the road safety
- The Output of the Database (statistical reports, requests for getting the data, results on the maps...).
- A necessary step in order to establish a road safety system
- Road Safety Database – harmonizing of road safety policy on the international, national and local level

DATASETS – GOOD AND QUALITY ROAD SAFETY DATABASE

- Traffic accidents
- Traffic violations
- Intermediate traffic indicators
- Roads
- Traffic signals, road equipment, chainage...
- Traffic counters
- Values of SPI (Safety Performance Indicators)
- Dangerous places (black spots)
- Nodes of state roads
- Bridges
- Tunnels
- Landslides
- Railway crossings
- ITS measures
- Response time of emergency medical services
- Municipalities, districts, police departments
- Drivers' attitudes regarding dangerous situations
- Negligent drivers
- Lecturers, examiners, instructors
- Tachograph workshops and technicians
- Local bodies for road safety
- Technical characteristics of motor vehicles...

IMPORTANT STEPS FOR IMPROVING ROAD ACCIDENT DATA BASE AND ROAD SAFETY DATA COLLECTION -

- **Launching project:** Handbook for the following main road safety features in according to CADaS - Common Accident Data Set (document which is promoted by CARE group of the EC, last version 2015)
- **Traffic police** in each country should adjust the data collection according to CADaS
- **Starting point** for official data collecting by Traffic Police according to CADaS is **1 January 201?**

ACCIDENT REPORT FORMS IN ACCORDANCE WITH CADAS

Great Britain

MG NR27/A ACCIDENT STATISTICS

1.3 ACCIDENT REFERENCE

1.5 TIME DAY* SWMTWTFSS 1.7 DATE DDMMYY

1st Road Class & No. or (Street/Highway - UK) or (Other Name - NZC) 1st Road Name

2nd Road Class & No. or (Street/Highway - UK) or (Other Name - NZC) 2nd Road Name

1.11 Grid Reference

REPORTING Name Number OFFICER

1.5 Number of vehicles 1.6 Number of casualties

1.14 ROAD TYPE

1.15 Speed Limit (Permanent)

1.16 JUNCTION DETAIL

1.17 JUNCTION CONTROL

1.20 PEDESTRIAN CROSSING - HUMAN CONTROL

1.21 LIGHT CONDITIONS

1.22 WEATHER

1.23 ROAD SURFACE CONDITION

1.24 SPECIAL CONDITIONS AT SITE

1.25 CARRIAGEWAY HAZARDS

1.26 Did a police officer attend the scene and obtain the details for this report?

Subject to local directions, boxes with a grey background need not be completed if already recorded

Serbia

Република Србија Министарство унутрашњих послова

Број незгоде Година

УСП-СПИ/ПС

Ознака државе R S

СН ОБРАЗАЦ

ПОДАЦИ О СН

УБИВАЈ РАБЕН НА ЛИЦУ МЕСТА

Да Не

БРСТА

Са погинулим лицима Са повређеним лицима Само са материјалним штетом

НИ НЕЗГОДА

Да Не

ОСД

Јавни тужилац

ПРИЈАВА

Кривична Прекршajна Извештај тужилоцу Кривична и прекршajна Извештај и прекршajна

ОБАВЕШТЕНИ

Непосредно Од дежурне службе Од неког лица

ОБАВЕШТЕНИ ОД ЛИЦА

ДАТУМ СН

ВРЕМЕ СН

ВРЕМЕ ПРИЈЕМА

Вр. почетка Вр. завршетка

Понедељак Уторак Среда Четвртак Петак Субота Недеља

ОПШТИНА РАВНОСТ

МЕСТО

БЛИЖИ НАЗИВ

ГЕОГРАФСКИ ШИРИНА (X)

ГЕОГРАФСКИ ДУЖИНА (Y)

НАСЕЉЕ

У насељу Ван насеља Непознато

СН СА ПЕШАЦИМА

СН СА ПАРКИРАНИМ ВОЗИЛИМА

СН СА ЈЕДНИМ ВОЗИЛОМ

НАЈМАЊЕ ДВА ВОЗИЛА - БЕЗ СКРЕТАЊА

НАЈМАЊЕ ДВА ВОЗИЛА - СКРЕТАЊЕ ИЛИ ПРЕЛАЗАК

ВРСТА ПОВРШИНЕ КОЛОВОЗА

Асфалт Бетон Камена кошка или калдрма Туцањак, макадам или шљунчак Земља ХРАПАВОСТ

Гладак Храпао

Sweden

INFORMATIONUNDERLAG Vägtrafikolycka

51 Polismyndighet, arbetsenhet, telefon 52 Polisens dateringsnummer

53 Polismyndighetskod 54 Kommun 55 Tidpunkt för olyckan 56 År 57 Mån 58 Dag 59 KI 60 Vägkilometer

56 Olyckplats (ange gata/vägnamn/vägnr., ev. husnr samt avstånd till närmaste korsning mellan elm vägnr)

57 Bilas, på vilken anges gata- och vägnamn, vägbredd, åttiofem på bokstav A rap B ent avsnitt B nedan. Vid inriktad fordon angett fordonslag (nr, b, etc), registreringsnummer samt ett trafikaletem (vägtrafikaletem) nummer 1, 2, 3 osv, vilket nr skall vara identifierat med det nr vederbörande vägtrafikant åsatts i trafikaletemkoncepter (RFS 411.20)

58 Kortfattad beskrivning av händelseförloppet, siktförhållanden m m

B Väg- och Trafik

59 Vägnummer 60 Högaata tillman hastighet 61 Vägtyp 62 Motorväg 63 Motorbana 64 Gata 65 Övrig väg

66 Trafikansvariga 67 Trafikreglering 68 Förb m v-sväng 69 Stoppställe 70 Trafikaletem

C Väderlek, väglag, belysning

71 Väderlek 72 Väderlekshöjningen 73 Vädertyp 74 Vädertyp 75 Vädertyp 76 Vädertyp 77 Vädertyp 78 Vädertyp 79 Vädertyp 80 Vädertyp 81 Vädertyp 82 Vädertyp 83 Vädertyp 84 Vädertyp 85 Vädertyp 86 Vädertyp 87 Vädertyp 88 Vädertyp 89 Vädertyp 90 Vädertyp 91 Vädertyp 92 Vädertyp 93 Vädertyp 94 Vädertyp 95 Vädertyp 96 Vädertyp 97 Vädertyp 98 Vädertyp 99 Vädertyp 100 Vädertyp

70 Trafikaletem 71 Personnummer 72 Trafikaletem 73 Trafikaletem 74 Trafikaletem 75 Trafikaletem 76 Trafikaletem 77 Trafikaletem 78 Trafikaletem 79 Trafikaletem 80 Trafikaletem 81 Trafikaletem 82 Trafikaletem 83 Trafikaletem 84 Trafikaletem 85 Trafikaletem 86 Trafikaletem 87 Trafikaletem 88 Trafikaletem 89 Trafikaletem 90 Trafikaletem 91 Trafikaletem 92 Trafikaletem 93 Trafikaletem 94 Trafikaletem 95 Trafikaletem 96 Trafikaletem 97 Trafikaletem 98 Trafikaletem 99 Trafikaletem 100 Trafikaletem

80 Statistiska uppgifter till SCB

81 Datum och sign

82 Undersökningsledarens beslut

83 Beslutdatum

84 Undersökningsledarens namn och tjänst

85 Rapporteringstid

86 Gärningsen ej brott

87 Misskött ej till 15 år

88 Misskött av annan

89 Rapporteringstid

90 Gärningsen ej brott

91 Misskött ej till 15 år

92 Misskött av annan

93 Rapporteringstid

94 Gärningsen ej brott

95 Misskött ej till 15 år

96 Misskött av annan

97 Rapporteringstid

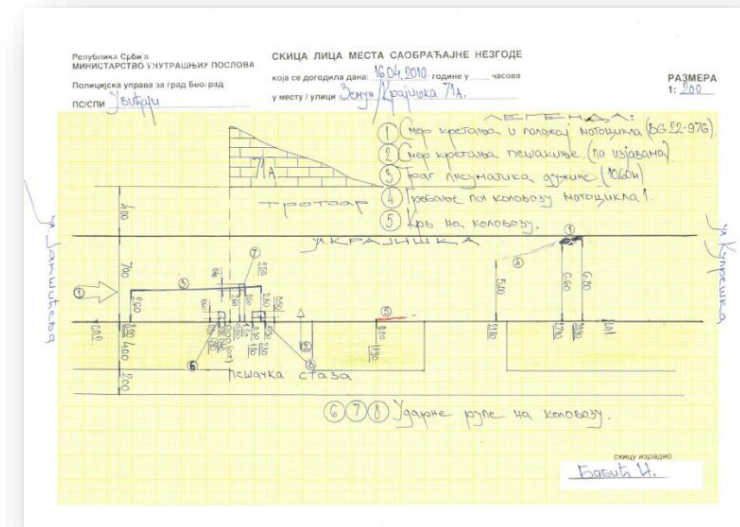
98 Gärningsen ej brott

99 Misskött ej till 15 år

100 Misskött av annan

Improving of traffic police activities in crash accident investigation

- Necessary EQUIPMENT for crash data investigation
- Necessary KNOWLEDGE for crash data collection
- Necessary KNOWLEDGE for crash data investigation



Improving of traffic police activities in crash accident investigation



7. Фотографија број 7



11. Фотографија број 11



13. Фотографија број 13



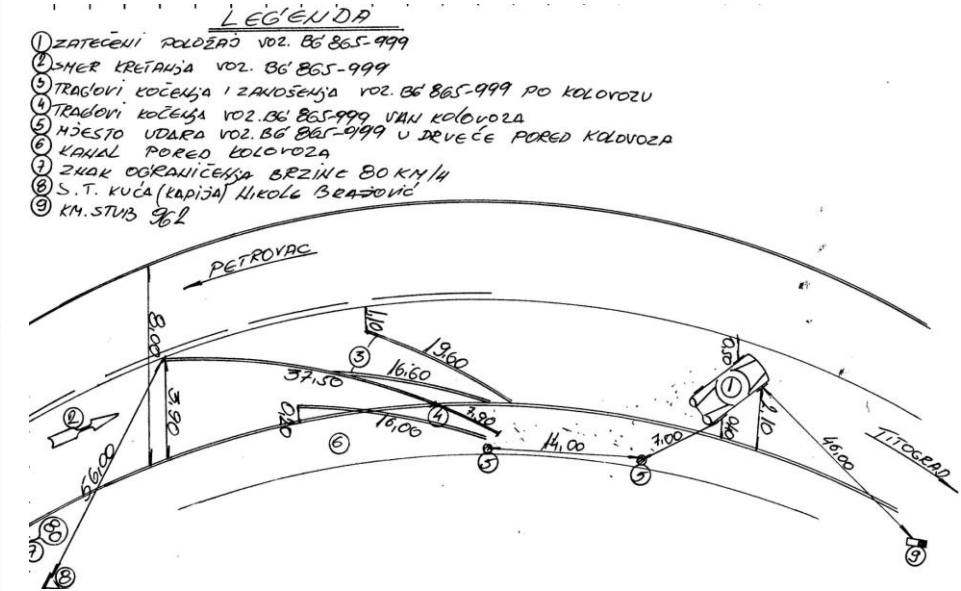
8. Фотографија број 8



12. Фотографија број 12

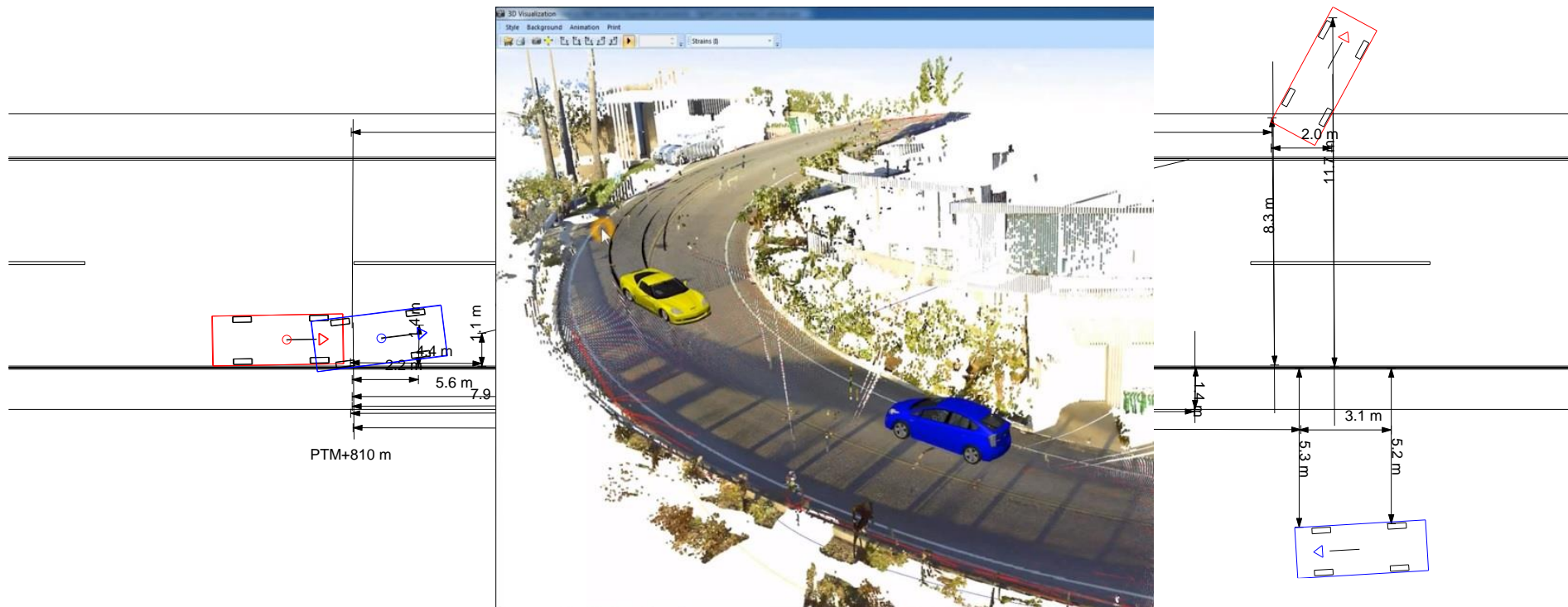


14. Фотографија број 14



Improving of traffic police activities in crash accident investigation

Using the spatialized software for road accidents investigation and reconstruction – *PC CRASH*



IMPORTANT ACTIVITIES TO STRENGTHEN TRAFFIC POLICE FOR ACCIDENT DATA COLLECTION

Establishing **separate traffic police section (department)** for road accident investigation

1

Conducting **special courses and education** for traffic policeman and police officers who will be in charge for road accident investigations

2

Procurement of **necessary equipment for road accident investigation** and keeping the places of road accidents, before and during the investigations

3

Conducting study visits in some European countries in the aim of learning the best practice and sharing the implemented practice and traffic police activities across similar countries like as Bangladesh

4

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

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