



Interreg



Danube Transnational Programme RADAR

Project co-funded by European Union funds (ERDF, IPA, ENI)



**Your Road Safety is on our
RADAR.**

Output T2.3 Action Plan Uptake National Workshops

 **RADAR – Risk Assessment on Danube Area Roads**

 <https://www.interreg-danube.eu/radar>

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1. Executive Summary

The RADAR project aimed at fostering infrastructure-based safety assessments of roads and at bringing about improved safety levels in the Danube region. One of RADAR's ultimate objectives was to put forward country-specific Danube Infrastructure Road Safety Improvement Action Plans (DIRSIAP). These action plans were based on RADAR's core strategy document, the Danube Infrastructure Road Safety Improvement Strategy (DIRSIS) which was composed around RADAR's six main areas of actions ("Thematic Areas - TA"):

- TA1: General suitability of the road sections for safety and maintenance upgrading using Safer Roads Investment Plans.
- TA2: Provision for vulnerable road users (pedestrians and cyclists).
- TA3: ITS and other techniques for speed management strategies.
- TA4: Road safety near schools.
- TA5: Transport safety and COVID-19.
- TA6: Road Infrastructure Safety Management.

The DIRSI Strategy contained road safety recommendations at three levels (national, regional, and local levels, and road authorities). The aim of the action plans was to detail road safety interventions proposed in the Danube Infrastructure Road Safety Improvement Strategy recommendation in each of the partner countries, considering details on:

- the proposed intervention and necessary steps considering the current situation of the specific country,
- time frame,
- financial resources,
- main actors,
- explanatory notes on rationale and implementation in the specific country.

The action plans were presented to – and discussed with – stakeholders in National Uptake Workshops organised in each RADAR partner country to ensure full understanding, common agreement and adoption of the Action Plans. This output corresponds to the DTP's objective of documented learning interaction in the finalised operation.

This report provides basic information from the National Uptake Workshops held in each country with list of stakeholders present, integration and use of the outputs 4.1 and 4.2 by the target groups and event photos.

2. Austria

Project Partner: KFV – Austrian Road Safety Board

2.1. Summary of the event:

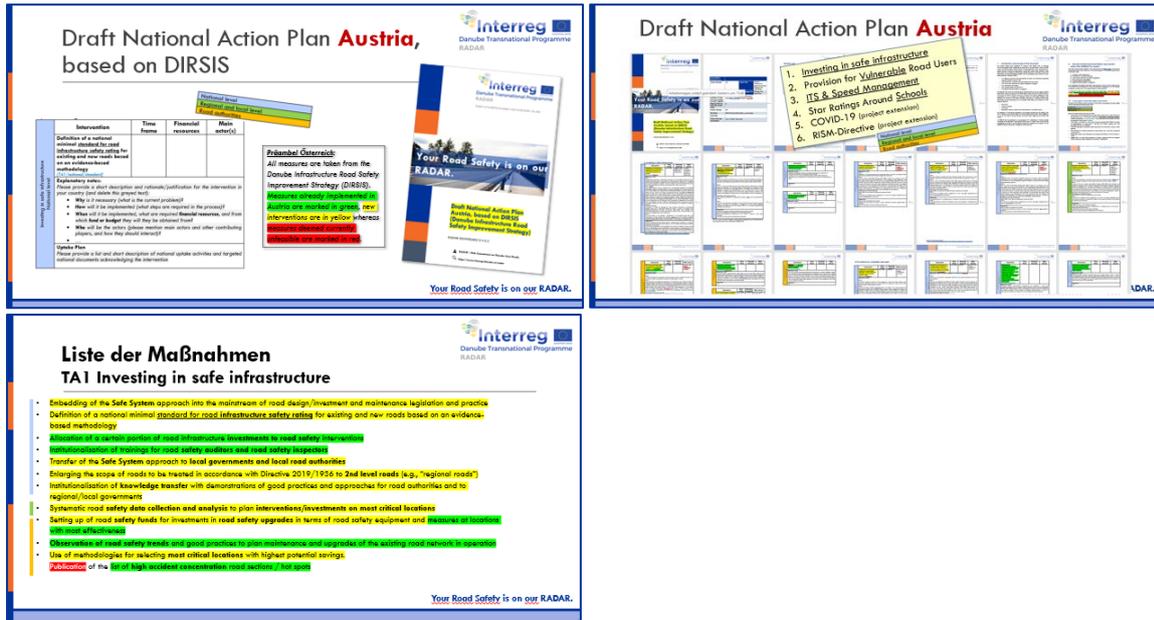
The Austrian National Uptake Workshop was organised online on 9 November 2021, from 15:00 to 16:30. The event was targeted at experts of the Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation, and Technology as owners of the current Austrian Road Safety Strategy, which covers interventions at national, regional and local levels. The comprehensive set of RADAR products was presented in a nutshell, together with an introduction to the iRAP methodology and the main contents of the Danube Infrastructure Road Safety Improvement Strategy (DIRSIS). As the core of the presentation, the RADAR Austrian National Action Plan (DIRSIAP) and its six Thematic Areas were presented (as derived from the DIRSIS). The discussion was dedicated to the potential use of the DIRSIAP by the Transport Ministry. The new Austrian Road Safety Strategy 2021-2030 foresees the drafting of several concrete and detailed Action Plans during the decade, whereby their duration and content will depend on the actual demand, as derived from trends in crash statistics and analysis of key performance indicators. The DIRSIAP was accepted a valuable resource for the drafting of such Actions Plans.

2.2. Integration and use of the output by the target group:

- a) Target groups were experts of the Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation, and Technology, and several senior experts of the KFV (Austrian Road Safety Board) involved in strategic projects with the Ministry.
- b) The represented experts of the Transport Ministry agreed that in the process of setting-up the Ministry's Action Plans, as foreseen in the Austrian Road Safety Strategy 2021-2030 (issued in June 2021), the RADAR National Action Plan Austria will be considered as valuable input (however, one of many) for future Austrian national road safety policy.

2.3. Photos from the event





3. Bosnia and Herzegovina

Project Partner: BIHAMK – Bosnia and Herzegovina Automobile Club

Associated Strategic Partner: Public Roads of Federation of Bosnia and Herzegovina

3.1. Summary of the event:

On November 3, 2021, in the premises of the Public Company Roads of the Federation of Bosnia and Herzegovina, representatives of the Bosnia and Herzegovina Automobile Club presented the results of the three-and-a-half-year RADAR project.

All the achievements of the project were presented - organized training for all road experts, translation of VIDA, study visits, a large number of meetings and conferences, Pilot project for TA1. A special part of the meeting was dedicated to DIRSIS and DIRSIAP. All DIRSIAP interventions are presented with details of main steps of implementation, timeframe and estimated resources.

3.2. Integration and use of the output by the target group:

a) Target groups represented at the event:

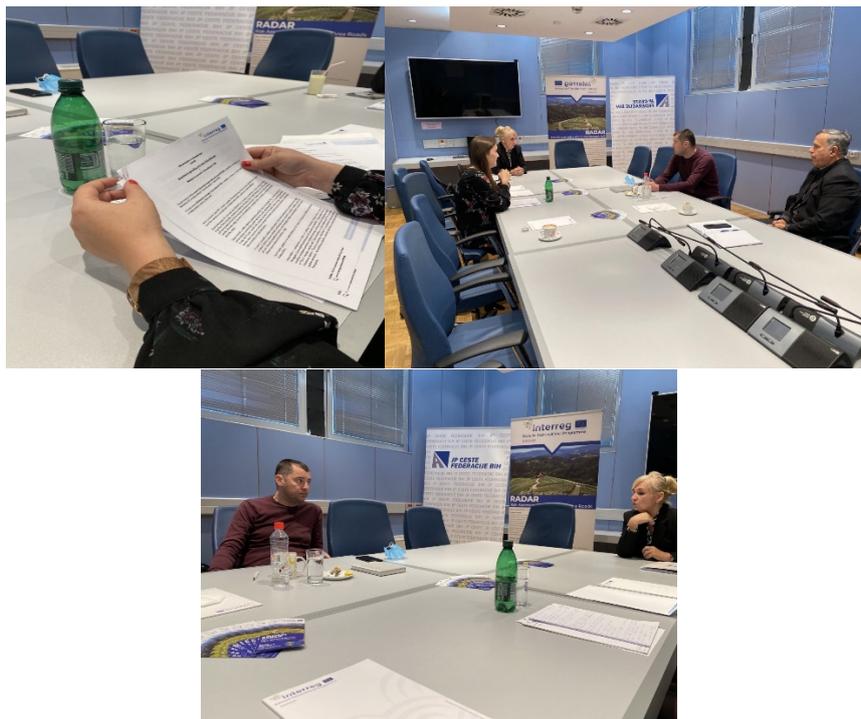
- Public Roads of Federation of Bosnia and Herzegovina, Reuf Boračić
- Federal Ministry of Communications and Transport, Tomislav Bojić
- Bosnia and Herzegovina Automobile Club, Mersiha Imširović, Maja Domazet-Čupović, Silma Muminović

b) Conclusion on integration and use of the Strategy and Action Plan or similar relevant information:

By signing the Memorandum of Understanding with Public Roads of Federation of Bosnia and Herzegovina, BIHAMK gave the proposed Action Plan and DIRSIS for use, all with the aim of improving road safety on the roads of Bosnia and Herzegovina. In addition, DIRSIS and DIRSIAP were handed over to the Federal Ministry of Communications and Transport.

The goal is to recognize the importance of the RADAR project and to integrate the many interventions and recommendations contained in the Action Plans.

3.3. Photos of the event



4. Country: Bulgaria

Project Partner – BBARS – Bulgarian Branch Association Road Safety

Associated Strategic Partner – Road infrastructure Agency

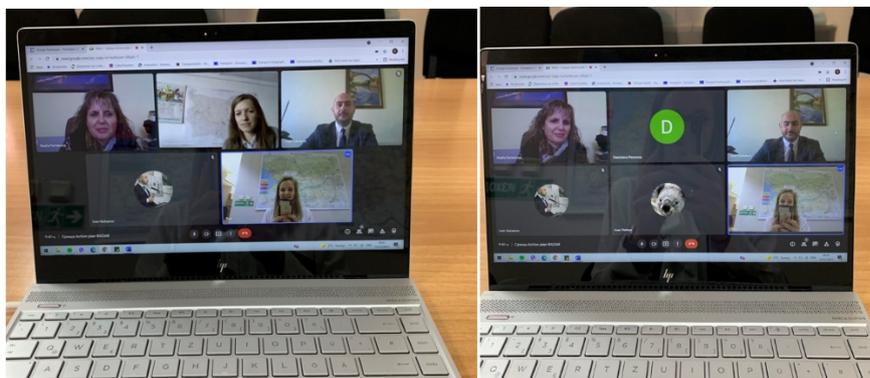
4.1. Summary of the event :

The workshop took place on 12.11.2021. It was an online event due to the current epidemiological situation in Bulgaria. Besides the road safety experts from BBARS, there were representatives from the Associate strategic partner in the RADAR project – The Bulgarian Road infrastructure Agency, from the State Agency for Road Safety and from one NGO – Bulgarian Forum for Transport Infrastructure. All of them were interested in both the DISRIS and the national Action Plan, developed upon it and the Radar template and even requested for a second meeting.

4.2. Integration and use of the output by the target group:

- a) Target groups represented at the event
 - Road Infrastructure Agency
 - State Agency Road Safety
 - Bulgarian Forum for Transport Infrastructure
 - Bulgarian Branch Association Road Safety
- b) Conclusion on integration and use of the Strategy and Action Plan or similar relevant information
 - All present expressed a positive evaluation on the Strategy and Action plan. Both documents are expected to be further examined and potentially integrated in the strategic documents of the relevant stakeholders.

4.3. Photos from the event



5. Country: Croatia

University of Zagreb, Faculty of Transport and Traffic Sciences (FPZ)

5.1. Summary of the event:

Workshop in Croatia was held on 16.11.2021. One week before, all attending stakeholders have received DIRSIAP for Croatia and DIRSIS in order to have adequate time during which they can study the documentation. Workshop lasted for 50 minutes and has covered the introduction to RADAR and what has been done during the project, DIRSIS and finally national DIRSIAP document and structure.

5.2. Integration and use of the output by the target group:

a) Target groups represented at the event

During the workshop, which had three FPZ and one EIRA member present, FPZ has presented the RADAR project, DIRSIS and DIRSIAP to five stakeholders from different national-level organisations, which are:

National public authority:

- Croatian Highways (HAC),
- Croatian Roads (HC),
- Ministry of the Interior (MUP).

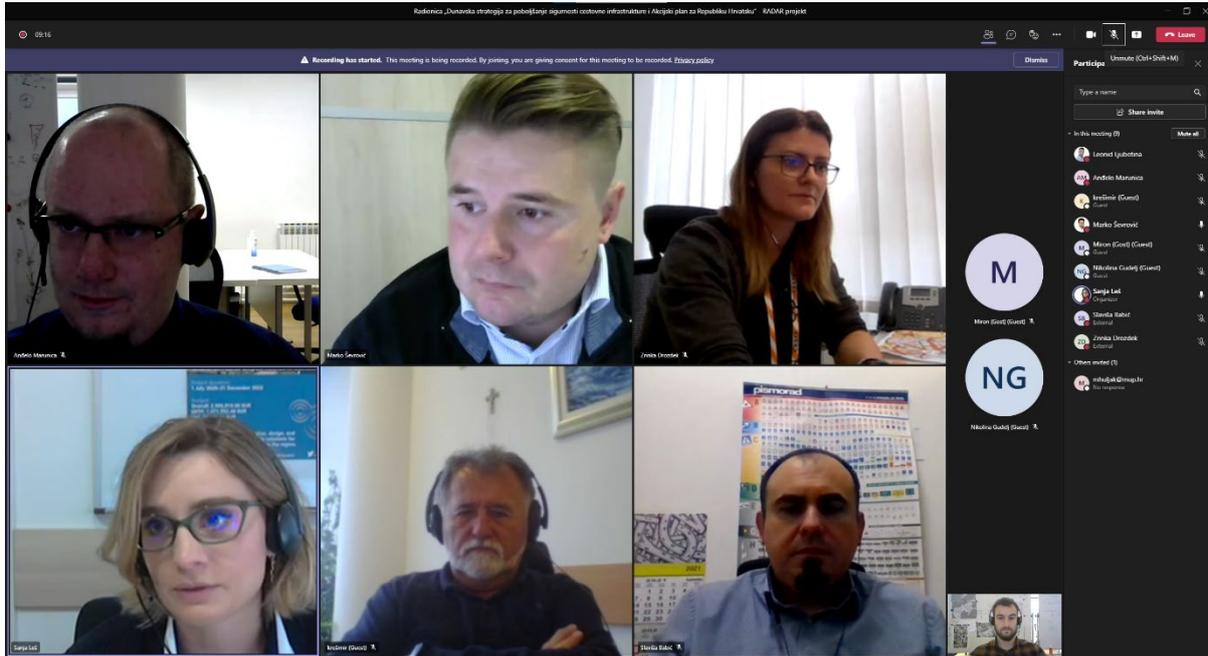
Interest groups including NGOs:

- Croatian Auto Club (HAK).

b) Conclusion on integration and use of the Strategy and Action Plan or similar relevant information

Overall, all stakeholders were positively receptive towards both DIRSIS and DIRSIAP interventions and will consider their implementation. Croatian Roads (HC) have already announced that they will sign the MoU. National Road Safety Programme of The Republic of Croatia for the next decade has recognised the RADAR project and has already integrated many of the interventions and recommendations found within the Action Plans.

5.3. Photos from event



DIRSIAP – Struktura akcijskih planova

| | Intervencija | Vremenski period | Financijski resursi | Ključni dionici |
|-------------------------------------|---|------------------|---------------------|-----------------|
| IME I TA KOJEM INTERVENCIJA PRIPADA | <p>Opis intervencije</p> <p>[Tag intervencije, na primjer TAS/national/sanctions] Objašnjenja</p> <p>Kratki opis i racionalizacija/opravljanje za intervenciju:</p> <ul style="list-style-type: none"> Zašto je intervencija potrebna (koji je trenutni problem)? Kako će se provoditi (koji koraci su potrebni)? Kada će se provesti, koja su potrebna financijska sredstva? Tko su ključni dionici? <p>Plan uvođenja</p> <p>Kratka lista i opis aktivnosti te dokumenata koji su priznali intervenciju.</p> | | | |

Detalji intervencije

Vremenski plan

Doprinosi potrebni za postizanje DIRSIS-a




25:16
25:16 / 50:00

K
+4

Microsoft Teams

Radionica „Dunavska strategija za poboljšanje sigurnosti cestovne infras...

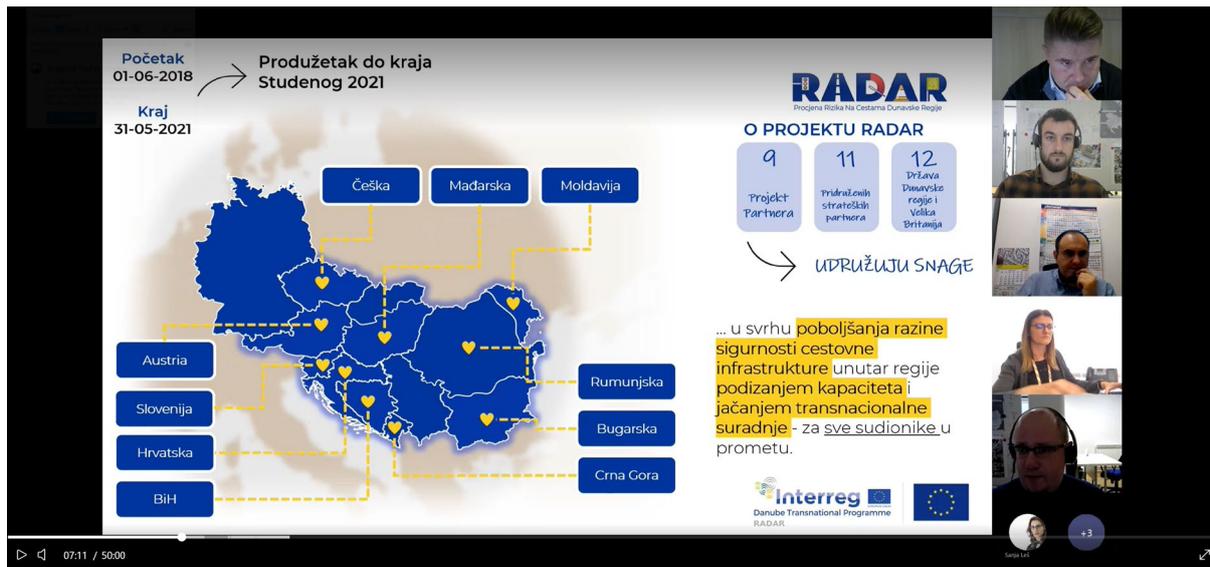
2021-11-16 09:03 UTC

Recorded by

Andeelo Marunica

Organized by

Sanja Leš



Početak 01-06-2018 → Produžetak do kraja Studenog 2021
Kraj 31-05-2021

RADAR
Projeza Roka na Cestama Dunavske Regije

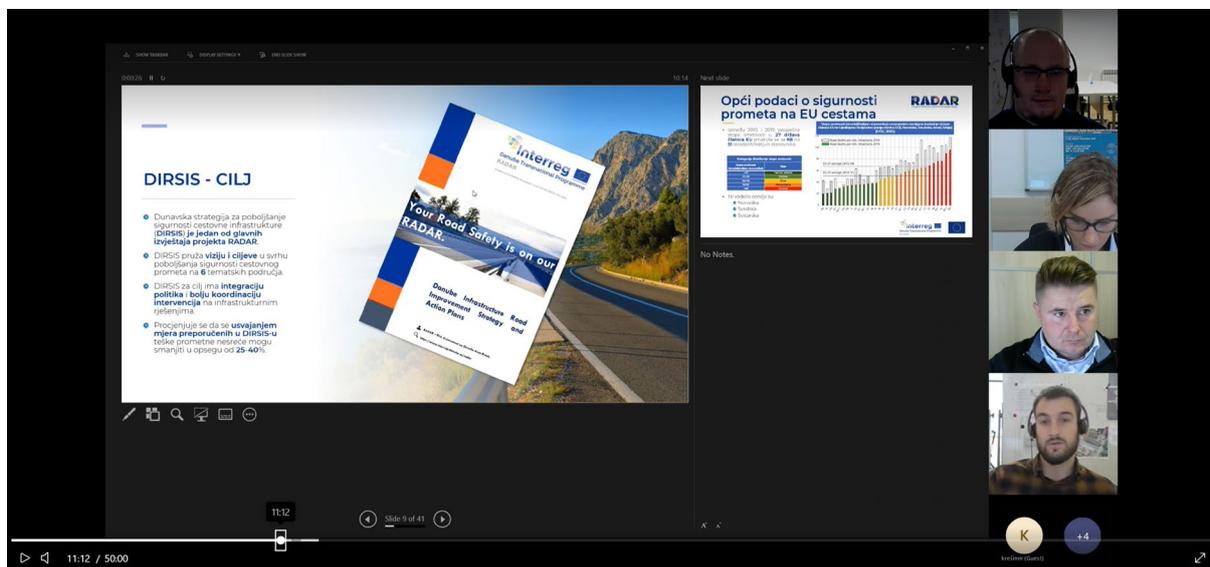
O PROJEKTU RADAR

- 9 Projekt Partnera
- 11 Priznatih strateških partnera
- 12 DLT-ova Dunavske regije i Velika Britanija

UDPRUŽUJU SNAGE

... u svrhu poboljšanja razine sigurnosti cestovne infrastrukture unutar regije podizanjem kapaciteta i jačanjem transnacionalne suradnje - za sve sudionike u prometu.

Interreg Danube Transnational Programme RADAR



DIRSIS - CILJ

- Dunavska strategija za poboljšanje sigurnosti cestovne infrastrukture (DIRSIS) je jedan od glavnih izvještaja projekta RADAR.
- DIRSIS pruža viziju i ciljeve u svrhu poboljšanja sigurnosti cestovnog prometa na 6 tematskih područja.
- DIRSIS za cilj ima integraciju politika i bolju koordinaciju intervencija na infrastrukturnim rješenjima.
- Procjenjuje se da se uzvajanjem mjera preporučenih u DIRSIS-u teške prometne nesreće mogu smanjiti u opsegu od 25-40%.

Opći podaci o sigurnosti prometa na EU cestama

BAR CHART: Road traffic fatalities in EU countries (2010-2019)

11:12 / 5000

6. Country: Czech Republic

Project Partner – UAMK – General Automotoclub of the Czech Republic

Associated Strategic Partner – Roads and Motorways Directorate of the Czech Republic

6.1. Summary of the event

Following the completion of RSEG's key deliverables DIRSIS and DIRSIAP, the key strategic outputs of RADAR project, the documents have been introduced to respective national stakeholders in the Czech Republic responsible for the national primary road infrastructure development – Ministry of Transport (MDCR) and Roads and Motorways Directorate (RSD). Due to the unpleasant conditions resulting from the ongoing (and rising again) pandemic of Covid-

19, the consultations of DIRSIS and DIRSIAP had to be carried out remotely using online meetings via MS Teams platform. While both stakeholders we provided with the full English version of the documents, a Czech summary of the proposed actions in individual thematic areas has been prepared to make the meetings more effective. The slides are included in this report.

The workshop with representatives of both stakeholders was scheduled to November 11. However, it was not possible to hold a joint session at the end, due to very limited time availability of respective persons. Therefore, two separate online meetings were carried out. For the meeting with RSD, UAMK's Associated partner in RADAR project, Mr. Petr Borecky, representing the Unit of Safety and Traffic signing, joined Roman Turza and Jiri Landa, who introduced in detail all sections and measures of the RADAR DIRSIAP. Since Mr. Borecky has continuously followed the work and conclusions of the RSEG meetings, the session particularly aimed at consulting the actions recommended within DIRSIAP from the transport infrastructure operator's perspective, expertise and day-to-day operational practice.

The second meeting was held with BESIP, an independent unit of MDCR responsible for executing various national road safety programmes in all 3 segments of the safe transport system (user, car, infrastructure) and the unit responsible for developing and submitting the national road safety strategy. Mr. Tomas Nerold, Head of BESIP, was present to the online meeting. This meeting was a crucial part of the stakeholders consultations held within RADAR, since BESIP shall be a no. 1 target player for RADAR project outputs. While MDCR has been politically going through rather turbulent times, BESIP and its representatives managed to ensure stability and consistency in road safety strategic development and campaigning. The discussion held among Roman Turza, Jiri Landa and Tomas Nerold was very optimistic and promising, as far as the RADAR project thematic recommendations are concerned. The key objective of the meeting was to agree upon the future approach to road infrastructure safety support within the national strategy, which is in place, and to support this initiative formally by signing the Memorandum of Understanding between the RADAR project partner UAMK and BESIP of MDCR.

6.2. Integration and use of the output by the target group

The consultations of RADAR strategy and action plans carried out with the ministerial road safety department BESIP were evaluated as very promising and beneficial. The Czech Republic has the key strategic road safety document in place since 2020 – National Road Safety Strategy 2021-2030, accompanied with the Action plan updated every 2 years.

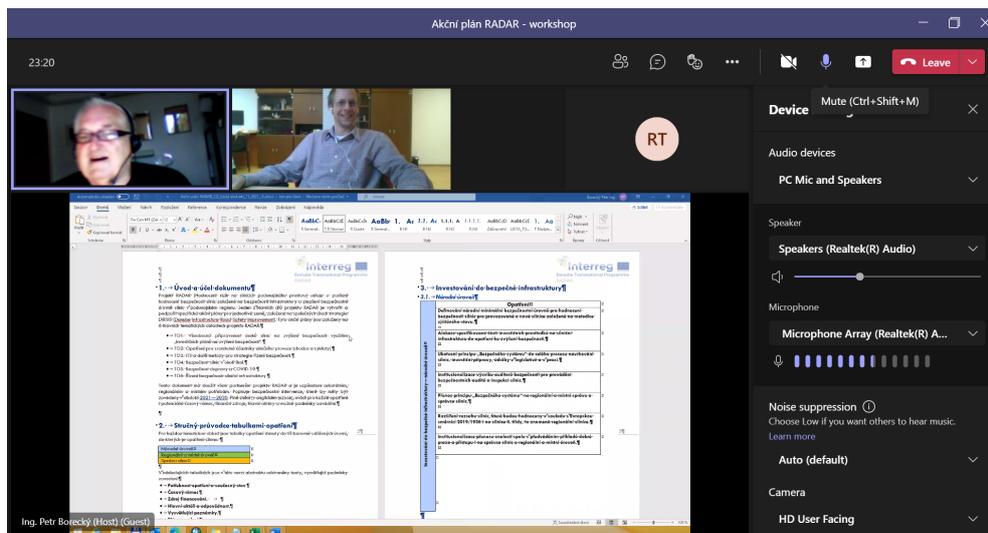
Mr. Nerold of BESIP showed a high interest in many of the strategic areas introduced by the RADAR team in DIRSIAP, stating clearly that many of the proposed measures very well comply with and complement the actions set by the national strategy – especially in the field of vulnerable road users and safety near schools, which are typical and traditional intervention areas of BESIP.

Moreover, Mr. Nerold has been well aware of the RADAR project since its initiation and has become highly interested in the procedures iRAP uses for assessing the risks across road networks. He pointed out that, even though the methodology was not being used at the strategic level or daily engineering practice in the Czech Republic, it might serve very well as a great illustrative educational tool to raise awareness of the risks, which occur on the road network, and of the low-cost measures to eliminate them. This shall be very valuable to many municipalities or regional road network operators. He also suggested and supported the idea

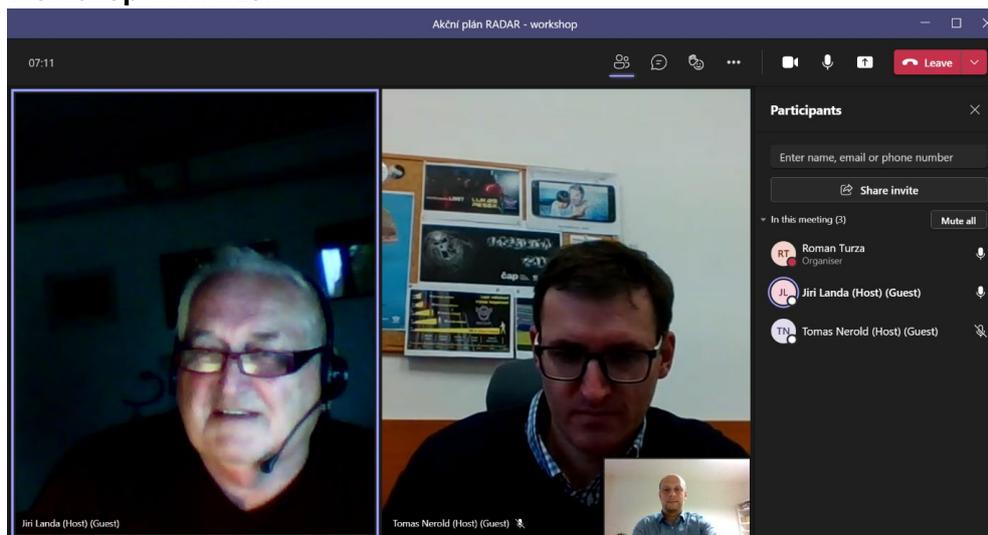
of preparing a national project focused on promotion and knowledge exchange of the RADAR project results and other selected themes of the complex iRAP system. Such a project should be eligible and potentially successful in the subsidy framework launched annually under the Damage Prevention Fund administered by the Czech Insurers Office. UAMK team welcomed this idea and will further examine the possibilities in the next call for projects to be launched mid-2022.

6.3. Photos from the event

Workshop with RSD



Workshop with BESIP



7. Country: HUNGARY

Project Partner: **KTI Institute for Transport Sciences Non-profit Ltd.**

7.1. Summary of the event:

The aim of the event was to present the main results of RADAR project to national stakeholders and interested parties as follows:

- present the methodology, analysis and results of the Pilot Action on TA5 (Transport Safety and Covid 19), implemented in Hungary in 2021;
- present the structure, content and recommendations of the Danube Infrastructure Road Safety Improvement Strategy (DIRSIS);
- present the national Action Plan (DIRSIAP) describing the recommended road safety interventions and main steps of implementation, timeframe and estimated resources.

The feedbacks collected through discussions in this event will be incorporated into the final documents.

7.2. Integration and use of the output by the target group:

a) Target groups represented at the event:

The road authorities (road operator and police) and other interested parties (e.g. the representative of a university) were reached directly by the workshop. Furthermore, the documents were sent out after the event via email.

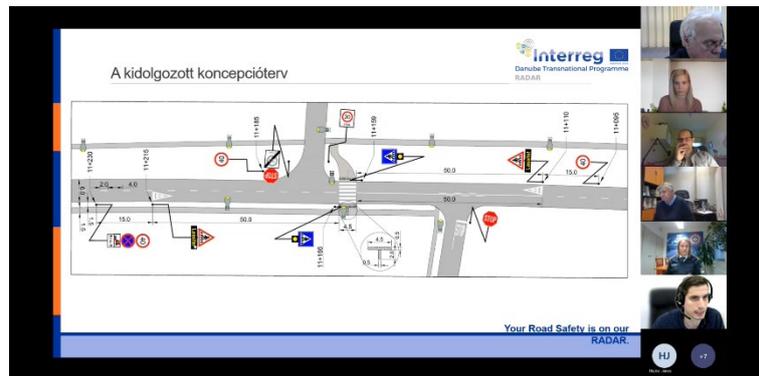
Organization represented at the event:

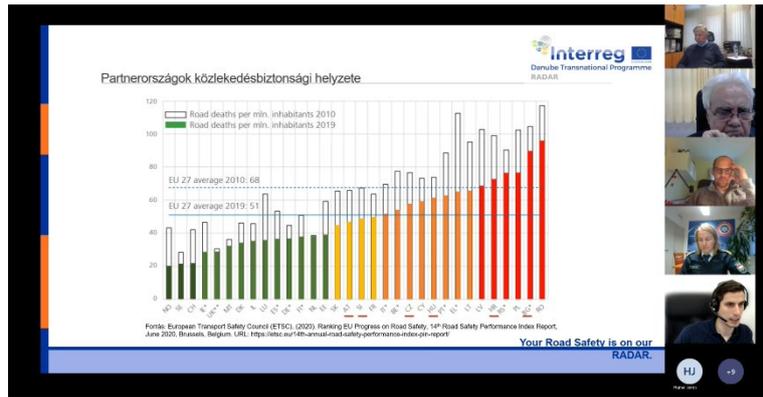
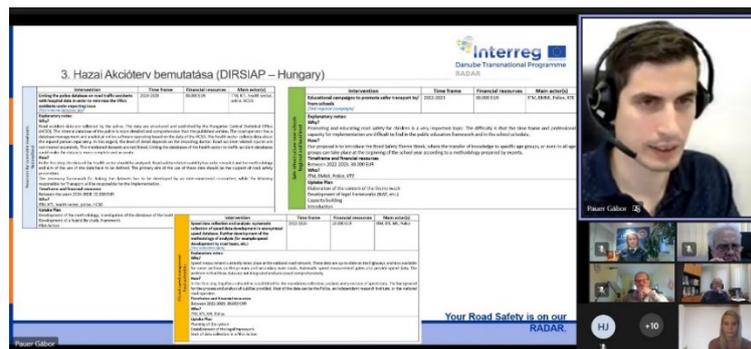
- Hungarian National Police Headquarters
- Hungarian Road Authorities
- KAV Transport Aptitude and Examination Center
- Budapest Road Authorities
- Budapest University of Technology and Economics
- KTI Institute for Transport Sciences Non-profit Ltd.

b) Conclusion on integration and use of the Strategy and Action Plan or similar relevant information

According to the feedbacks, the workshop proved effective and launched a common thinking in possible future implementation ideas. The represented organizations (road authorities) have a key role in implementing the most of the recommended road safety interventions. Thus, their feedbacks about the possible ways of uptake and potential barriers were of special importance. The collected feedbacks will be incorporated into the final documents. To provide reasonable time to get familiar with the strategy and action plan, the draft documents have been sent out via email to all participants.

7.3. Photos from the event



3. Hazai Akcióterv bemutatása (DIRSIAP – Hungary)

| Intervention | Time frame | Financial resources | Main activity | Intervention description | Time frame | Financial resources | Main activity |
|---|------------|---------------------|----------------|---|------------|---------------------|----------------|
| Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF | Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF |
| Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF | Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF |
| Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF | Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF |
| Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF | Road safety education for vulnerable road users | 2020-2022 | 10,000,000 HUF | 10,000,000 HUF |

Your Road Safety is on our RADAR.

8. Country: Republic of Moldova

Project Partner – Automobile Club of Moldova

Associated Strategic Partner (if applicable) – Ministry of Infrastructure and Regional Development

8.1. Summary of the event:

Initially, the national stakeholders' workshop was planned to be carried out online taking into account the red code installed in Chisinau due to the COVID-19 pandemic. As offline meetings have a greater impact and offer ground for stronger partnership establishment, ACM insisted and obtained the support of the Ministry for Internal Affairs in organizing a high-level event on the World Day of Remembrance of Road Traffic Victims 2021, and included the consultations on the RADAR Action Plan as one of the topics in the agenda. The event was organized in the MIA headquarters and was attended by the maximum allowed number of participants during the pandemic conditions.

The RADAR Action Plan for Moldova was presented and discussed along with other topics related to the future of road safety like the implementation of the 30km/h policy at local and national levels, and the presentation of the Global Action Plan.

8.2. Integration and use of the output by the target group:

a) Target groups represented at the event

The event was attended by the representatives of the members of the National Road Safety Council and other relevant organizations, namely the State Secretaries for the Ministries of Health, Education and Internal Affairs; representatives of the Ministry of Internal Affairs, Ministry of Infrastructure and Regional Development, State Road Administration, General Police Inspectorate, National Inspectorate for Public Security, Road Safety Observatory within the Technical University of Moldova, Drivers' Union of Moldova and the National Executive Bureau within the NRSC.

b) Conclusion on integration and use of the Strategy and Action Plan or similar relevant information

In the Republic of Moldova, at this moment, there is no elaborated and approved a road safety Strategy or Action Plan. In this context, the presentation and discussions on the RADAR Action Plan were welcomed and highly appreciated by the participants at the event. The members of the work group responsible of the elaboration of the above-mentioned national documents got very interested regarding the recommendations of the Plan. In order to initialize the process of drafting the national Strategy and Plan, it was established an individual meeting with the ACM, representatives of the Executive Bureau of the NRSC, MIA and MIRD participation. The state secretaries that attend the event stated that the RADAR Plan is the main ground on which the local team shall start the work and that it offers a crucial help in achieving the expected results. The participants thanked through the ACM team the RSEG for the tremendous work that was carried out in this project and namely for the work on the Plan elaboration. After the meeting, we received a lot positive feedback, participants willing to obtain access to this valuable information.

8.3. Photos from the event





9. Country: Slovenia

Project Partner: AMZS - Avto-moto zveza Slovenije

Associated Strategic Partner: DRSI - Direkcija Republike Slovenija za infrastrukturo

9.1. Summary of the event:

The RADAR DIRSIAP National uptake workshop was hosted by AMZS. The goal of the event was to present RADAR Danube Infrastructure Road Safety Improvement Action Plan – DIRSIAP, a document that was prepared for Slovenia by project partner AMZS. First, the structure and contents of the document were presented, covering all six thematic areas (TA) of the project.

This was followed by more detailed presentation of proposed actions that were found applicable for Slovenia in each of the project's TAs.

Short discussions took place at certain parts, followed by discussion at the end of the presentation about the implementation of provided action plan by the state road authority as well as about further cooperation in the field of road assessment in Slovenia also using the methodologies for assessing infrastructural risk on roads that were at the heart of the RADAR project.

9.2. Integration and use of the output by the target group:

At the event there were two representatives of PP AMZS's ASP, DRSI – Direkcija Republike Slovenije za infrastrukturo (Slovenian Infrastructure Agency):

- Uroš Brumc and
- Petra Zamejc.

Both DIRSIS and DIRSIAP will be handed over to ASP DRSI for further and more detailed overview as well as future consideration and integration into relevant future plans and activities. Further cooperation in the field of road assessment in Slovenia also using the methodologies for assessing infrastructural risk on roads that were at the heart of the RADAR project is also foreseen in the near future.

9.3. Photos from the event

