Challenging factors for ensuring a safe infrastructure in Western Balkans -

Supporting the development of safer road infrastructure in the Western Balkans

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EBRD Road Projects in Western Balkans

Serbia - Route 7 Highway (Niš and Beloljbin)

BiH - Corridor Vc BIH

Montenegro – Main roads reconstruction

North Macedonia – Corridor VIII

Kosovo - Route 6 B, motorway Kijevë – Kline – Zahaq

Albania – Tirana by pass
Accidents & fatalities reported to the Bank on EBRD road projects

SINCE 2020

• Albania – road collision with loss of whole family, accident on level crossing and 2 fatalities relating to a truck entering a road under construction
• BIH – accident during construction of a bridge pier with the loss of two lives
• Serbia – 3 fatalities - one linked to a vehicle collision with signs and structures, a separate incident with driver turning into on-coming traffic and bus driver hit by a 3rd party vehicle
• North Macedonia – traffic accident resulting in a company driver losing his life.

SUCH CASUALITIES ARE PREVENTABLE
Traffic and Road Safety

30. The client will identify, evaluate and monitor the potential traffic and road safety risks to workers and project-affected communities throughout the project life-cycle and, where appropriate, will develop measures and plans to address them. For projects that operate moving equipment on public roads and other forms of infrastructure, the client will seek to prevent the occurrence of incidents and injuries to members of the public associated with the operation of such equipment.

31. The client will take into consideration relevant EU road and traffic safety management standards, identify road safety measures for both motorised and non-motorised road users and incorporate technically and economically feasible and cost-effective road safety components into the project design to mitigate potential road safety impacts on the local affected communities. Where appropriate, the client will undertake a road safety audit for each phase of the project and routinely monitor incident and accident reports to identify and resolve problems or negative safety trends. For clients with vehicles or fleets of vehicles (owned or leased), the client will introduce GIP arrangements to manage road and traffic risks and will provide appropriate training to workers on driver and vehicle safety. The client will ensure regular maintenance of all project vehicles.

E&S Policy (2019) – PR4

- Develop measures and plans to address traffic and road safety risks
- Incorporate technically and economically feasible and cost-effective road safety components into the project design
- Undertake a road safety audits and routinely monitor incident and accidents
- Introduce Good International Practice arrangements to manage road and traffic risks for vehicles and fleets

PR 1 – where affected individuals or groups are identified as disadvantaged or vulnerable …..ESMP will include ..measures so that impacts do not fall disproportionately on them.
PR 10 – meaningful engagement with interested parties …taking into account the needs of disadvantaged or vulnerable groups.
EBRD Response to Road Safety – Strategies

EBRD Strategies

Country Strategy
‘…..emphasis will be made towards road safety looking at safer roads, occupational road risk, raising awareness of communities who are most at risk and capacity building. TC funds may be required….’

Transport Strategy – Strategic Direction

• Continue to work collectively with other MDBs to tackle road safety issues;
• Engage with national authorities at the policy level to encourage the development of national and regional road safety strategies where opportunities arise, including safe driving campaigns, black spot management, data collection and so on;
• Continue to engage with educational institutions in the economies where the Bank invests to support training of professionals involved in safe road design and road safety auditing; and with local communities to raise awareness of road safety through locally-targeted road safety campaigns;
• Promote private sector occupational road safety, focusing on safe driving practices, telematics, improving driver behaviour;
• Require road safety audits for Bank-funded projects, focusing on safe designs and modal intersections, such as level crossings
Challenges in the Western Balkans

**Crash Data**
- Description and Location missing or limited
- Prevents infrastructure improvements

**Road Design**
- Designs approved before RSA
- Limited opportunity to apply any recommendations
- Designs focus on vehicles and rather than needs for vulnerable road users

**Planning**
- Little consideration between planning of buildings and highway safety
- Planning needs to considered access / egress to the highway

**Maintenance**
- Need to factor in ongoing maintenance
- Unrepaired guard rails, faded signs, worn road markings - Safety concern
- Responsibility for road maintenance can be unclear - highway authority or local municipality

**Traffic Management**
- Work zones can be unsafe
- Road Safety not reflected in ops ctrl
- Temporary signals operate over unrealistic long length – driver non-compliance
Capacity Building – Construction and Operational

Building Safer Infrastructure
(Road Safety Audits / Inspections)

Public Awareness
(Targeted campaigns, Stakeholder Engagement)

Occupational Road Risk
(ISO 39001)

National Governance
(ISO 39001, Updating Design Standards, Training)

Safer Roads
EBRD Activities in Road Safety (2013-2021)

Collaboration
- Member of the UN Road Safety Collaboration
- MDB Road Safety Working Group
- Internal Road Safety Working Group
- Close partnerships with various Road Safety NGOs

Capacity Development
- Occupational Road Risk Toolkit
- Road Safety Engineering eLearning Training
- Driving For Better Business Workshops
- Road Safety Auditor Training

Project Integration
- Transition Impact
- ESDD Traffic and Road Safety Tools
- E&S Action Plans
- TC Project Support
EBRD Tools and Resources

**ROAD SAFETY HUB - Road safety (ebrd.com)**

**Road Safety Engineering**
(Available in Serbian)
[https://ebrdelearning.com/](https://ebrdelearning.com/)

**Occupational Road Risk Toolkit**
(Available in Serbian)
[https://roadrisktoolkit.com/](https://roadrisktoolkit.com/)

24 June, 2022
Continuing Road Safety Support in the WB……

Road Safety Auditing with local engineers participating in the Audit Team – Bosnia in Herzegovina

Implementation of ISO 39001 High Authority - Serbia

Supporting the implication of Road Safety Auditing Certification Training - Montenegro

Tunnel Road Safety Training – Bosnia in Herzegovina

What's next?
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