

Road Mobility

BROKERAGE
EVENT

Scaling Road Safety Research from Poland to Europe

Data-driven road safety analysis using administrative and police-based datasets

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Proven research framework in Poland

Long-term analysis of national road accident data with real-world impact

- Long-term cooperation with national police, providing full data access in exchange for evidence-based road safety recommendations.
- Methods validated using the national accident and collision recording system (over 7 million road incident participants, 2015–2024).
- Scientific results published in leading international journals addressed the following research questions:
 - What influences the level of injuries of road accident participants?
 - What is the impact of seat belts and child restraint systems on injury severity in children?
 - What influences drivers' responsibility for road accidents?

How it works

Statistical big data approach from accident records to interpretable models



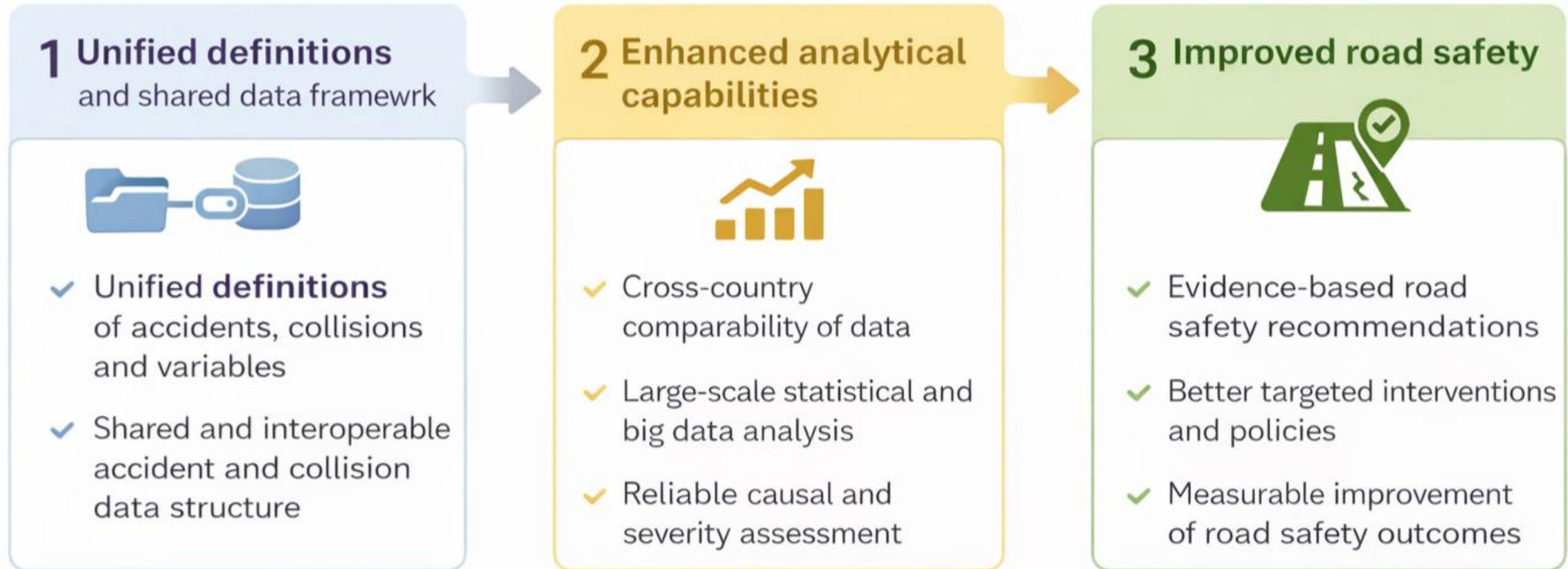
Current limitations

Why international collaboration is necessary?

- Limited direct access to institutions responsible for accident and collision recording in other countries
- Limited ability to fully understand local legal and administrative frameworks without embedded local partners
- Time-consuming IT and administrative workload required to manage data, documentation and institutional coordination

The goal

Common European system for recording accidents and collisions



Thank you