



Injury Mitigation to Promote Vision-Zero Achievement

Duration

48 months (May. 2024 – Apr. 2028)

Objectives

- ✓ Identify, understand, and describe the issue of serious injuries and LTC due to road traffic accidents and permanently improve knowledge basis
- ✓ Make LTC tangible by developing a method allowing for purposeful data collection and LTC assessment
- ✓ Propose linkages between criteria-based results from physical or virtual tests and wider knowledge from field data to assess LTC
- ✓ Objectively assess risks for serious injuries and LTC: Development of HBM-based virtual testing procedures
- ✓ Vigorous policy support for technical and behaviour-change countermeasures against LTC
- ✓ Address and mitigate the long-term consequences associated with road traffic injuries at EU level and abroad

Methodology

- Long-term consequences: Understanding and quantification of the issue
- IMPROVA formula **allowing** to extensively assess LTC
- Virtual testing: **Upgrade** of HBMs and procedure development
- LTC **Prevention** with Next-Gen Protective Systems
- Impact development / User centric approach: Policy recommendations, training & guidelines

Impact

- IMPROVA is setting a baseline and validated **methodology** for research, regulation and policy making regarding the LTC and the reduction of their influence on the society, specifically to **tackle the needs** of the following target groups:
- ✓ The research community
 - ✓ The Industry
 - ✓ Public Bodies
 - ✓ Rule Making
 - ✓ Road users and their representation

