



Vision Zero in Practice, 21 February 2020

Vision Zero in Europe

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The extent of the problem

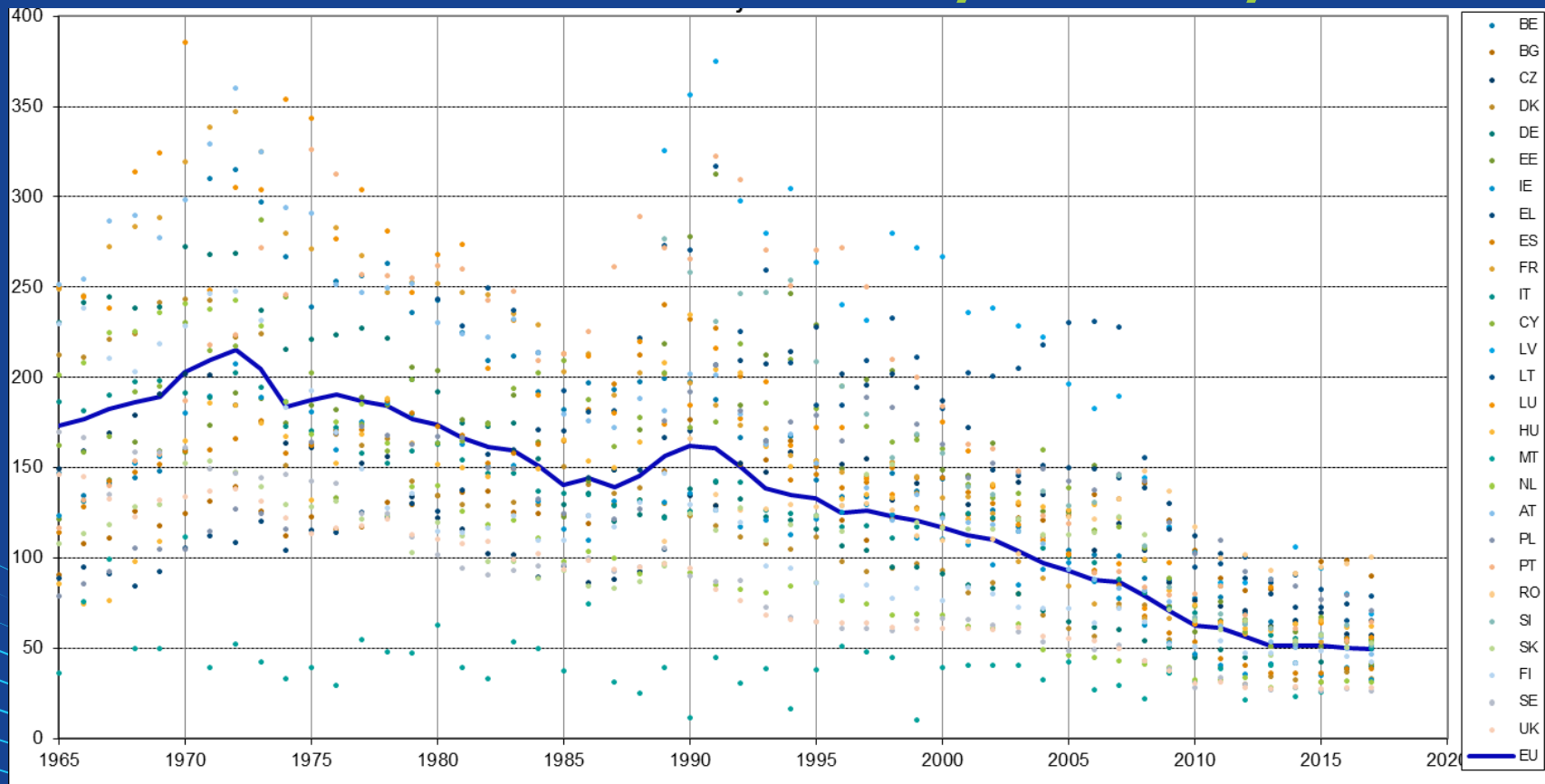
25.000 deaths in EU

135.000 serious injuries

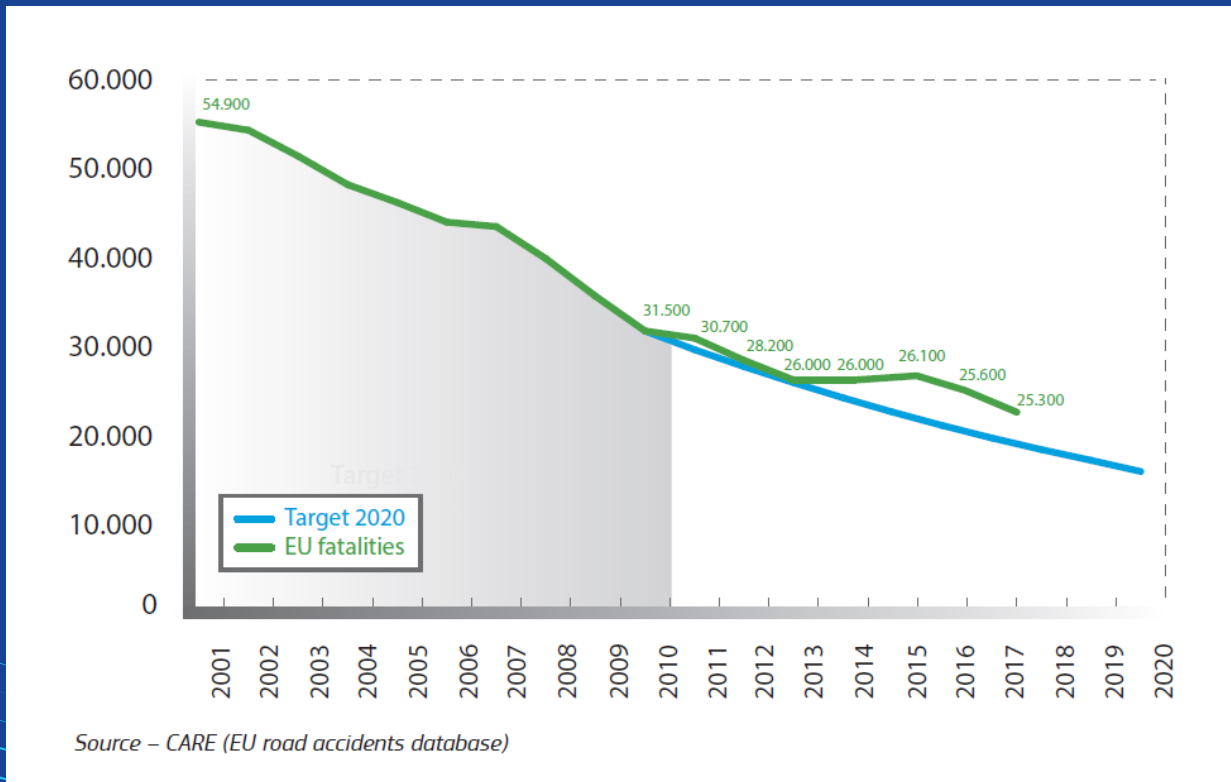
1.300.000 global deaths

EU deaths per million from 1965 – present

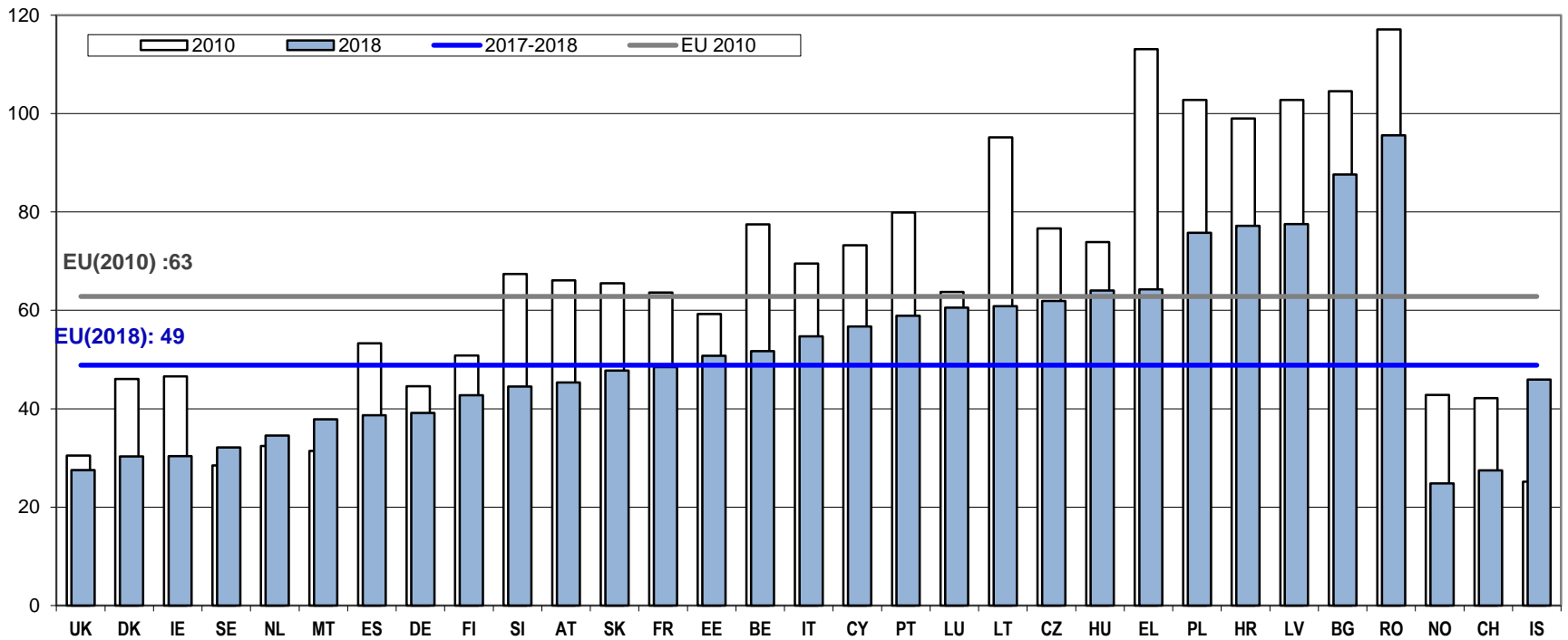
Down from more than 200/m to 50/m



Road fatalities in the EU and current target



EU fatalities vs targets



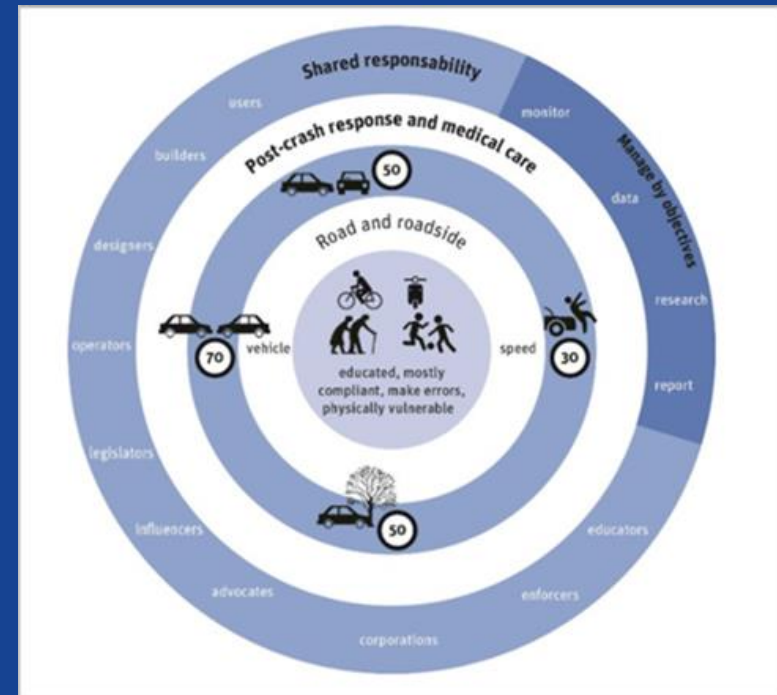
EU instruments for road safety

- Road accident data collection and analysis
- Targets
- Legislation (where necessary) e.g. on infrastructure, vehicle safety, enforcement, roadworthiness
- Funding/financing support for investment e.g. in safe infrastructure, research, studies
- European Road Safety Charter + Best practice guidelines

Road safety policy framework 2021-2030

Principles:

- "Safe System" approach
- Confirmation of "Vision Zero" (2050)
- New interim **targets** (50% reduction in fatalities and serious injuries)
- **Monitoring** based on key performance indicators
- Reinforced **coordination** between levels and sectors
- Appointment of **EU Road Safety Coordinator**
- **Funding** support





EU road safety targets and results

- **EU Transport White Paper 2001**
 - « Marshal efforts around target of **halving the number of road deaths** during this period » - **43% achieved**
- **Policy Orientations on Road Safety 2011-2020**
 - Aspirational target « Vision Zero » for 2050
 - **50% reduction target – 21% achieved 2010-18**
- **Valletta Declaration of EU transport ministers (March 2017)**
 - Renewed commitment to road safety + **50% reduction targets for 2020-30 both for deaths and serious injuries**



"Europe on the Move" package 17 May 2018

- Outline of EU Road Safety Policy Framework 2021-2030, now to be developed in Staff Working Document in June
- Legislative proposals on vehicle and infrastructure safety
- EU strategy on connected and automated mobility
- Strategic Action Plan on Road Safety

KPIs agreed with Member States in 2019

- Speed
- Safety belts / child restraints
- Protective equipment
- Alcohol / drugs
- Distraction
- Vehicle fleet
- Infrastructure
- Post crash care





Infrastructure safety: Main elements

Road Infrastructure Safety Management Directive revised, 2019

- **Extend the scope of existing procedures (impact assessments, audits, inspections)** to primary roads and roads built using EU funds
- Introduce **network-wide risk mapping** procedure
- **Transparency and follow-up** of procedures
- Take **vulnerable road users** systematically into account
- Requirements for **road markings and road signs** to facilitate roll-out of cooperative, connected and automated mobility
- Estimated to save **3,200 lives** and prevent **20,700 serious injuries** (2020-2030)

Examples of road safety risks and possible countermeasures





Vehicle General Safety Regulation – main elements

Vehicle General Safety Regulation revised, 2019

- Mandating safety features for **all vehicle categories and models**
- New active safety measures – ISA, AEB, lane keeping - to go along with improved passive safety measures eg improved seat belts
- Estimated to save **25,000 lives** (2022-2037)

New safety features in your car



New trends

- Automation
- Urban road safety issues: Vulnerable Road Users – 70% of urban deaths
- External costs of transport + link to sustainable mobility !



Thank you!



@Transport_EU

Mobility and
Transport

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